TREETALK
ARBORICULTURAL CONSULTING

ABN 36 323 568 677

Arboricultural Impact Assessment

Samuel Gilbert Public School
Ridgecrop Street Cnr Gilbert Road
Castle Hill

Project No 5229

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Prepared for

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Arboricultural Impact Assessment: Samuel Gilbert Public School

1.0 Summary

Trees at Samuel Gilbert Public School (SGPS) have been considered in relation to extensive works proposed within the school grounds. New and extended buildings are proposed on the site. This report provides an assessment of the larger site trees, and then considers tree protection and management measures required during the planned works processes.

Over 600 trees or tree groups were considered. The trees are discussed in terms of their location in relation to works and their future longevity and beneficial outcome. Many trees are located within the works areas and will require removal.

The trees beyond works can be managed by isolating them from damage by all works processes. Those trees closest to works will require that specific on-site management be undertaken with the project arborist present to advise on intrusions and protection of roots and canopy during early processes.

General tree protection measures are provided within the report. This includes protection by isolation of tree groups and limiting works processes within the TPZ.

Image 1: Tall healthy trees providing shade and natural environment for school children

Specific tree protection measures are discussed in Sections 7 of the report, and general protection measures given in Sections 8 of the report.

2.0 Background

TreeTalk Arboricultural Consulting has been engaged by the project architects Fulton Trotter, to assess trees likely to be impacted upon by works proposed. The school is to be extensively enlarged to accommodate a greater number of children. New buildings are proposed in the south-eastern section of the site forward of, and linking to existing buildings. This area is currently naturally vegetated bushland with locally endemic trees and understorey.

Demountable buildings will be replaced with new buildings, and some are to be temporarily relocated in the eastern section of the oval at the rear of the site. A Plan of the proposed building footprint is copied into Appendix A2.

The aims of this report are:
To satisfy the requirements of the consenting authority, by providing arboricultural data on the trees including their species, dimensions, health, structural condition and viability.

To provide arboricultural information, to the property owners, architects and other consultants, on the constraints presented by the trees, to assist in the design process.

Also, to provide information, during site works, for trees being retained, and necessary management measures required.

To advise the project manager, site managers and contractors on setbacks and tree protection measures, and necessary management measures required to retain each tree in a healthy and viable condition.

3.0 Method

Consulting arborist Sue Wylie, and assistants, visited the site on several occasions between April and July 2018, to assess the site and trees, and consider the likely impact by the works proposed.

The trees were assessed by the Visual Tree Assessment (VTA) method as described in Mattheck & Breloer (1994)[1], using non-invasive tools such as binoculars and acoustic mallet.

The VTA was performed from the ground considering overall *health* and vitality, including percentage of canopy, epicormic growth, deadwood, predation by pests and diseases, and *Structural condition*. Consideration was given to faults such as *Bark Inclusion*, poor branch attachment and mechanical or biological damage and, in some cases, Useful Life Expectancy.

Neither internal probing of living tree tissue nor aerial inspection by climbing was undertaken.

Health and condition was rated as *Good, Fair* or *Poor* (see Glossary), based on assessment at the time of inspection. Notes are recorded on any tree concerns or matters found to be outside normal tree development.
Tree height was estimated, and where relevant the orientation of the canopy is given. The trunk diameter was estimated at breast height 1.4 metres (DBH) and/or above root buttress (arb.).
See Appendix B4 regarding numbering of trees.

The Tree Protection Zone (TPZ)[2] and Structural Root Zone (SRZ)[3] has been arrived at using widely recognised methods as detailed in *Australian Standard AS 4970– 2009* (see Appendix B2).

1 Mattheck, Claus; Breloer, Helge (1994) *The Body Language of Trees: A Handbook for Failure Analysis - Research for Amenity Trees No 4*, Pub. Forestry Commission, London.
2 Tree Protection Zone: TPZ = an area around a tree with radius of 12 x DBH.
3 Structural Root Zone: SRZ = $64(D \times 50)^{0.42}$. As per Australian Standard AS 4970 – 2009, *Protection of Trees on Development Sites*.

4.0 The Site and Tree Location

The site comprises an extensive area of land rising from south to the north. The site is bounded by streets to the south and south-east. Remnant bushland is present to the west and north, between residential areas to the west, and a public oval to the north. Also, a preschool and shopping centre to the north-east (See Image 2).

The western and north western area of bushland is to be addressed in a separate report.

Existing structures include the main permanent buildings to the south with demountables nearby to the east and the north.

Vegetation is dominant throughout the site with mostly mature trees in *Good* to Fair health and condition.

There are no trees on adjacent land likely to be impacted upon by works proposed.

Note: The north-eastern boundary near the shops is fenced, however, not on the boundary.

Image 2: Aerial view of school — from Google maps
Inset School symbol with tall trees — from school web site

4.0 The Site and Tree Location

Trees in Ecologically Significant Areas

The building designs have been planned to avoid works in the ecologically important (Sydney Turpentine-Ironbark Forest (STIF) areas (see blue areas on Image 3),

The Southern corner STIF area is near extensive works and works processes.

The north-eastern STIF area is outside the area of works.

Trees South of Works

The densely vegetated area of tall trees along Ridgecrop Street and south of the existing buildings, will require removal of many trees to perform the works proposed.

Trees near Oval Area

Tree near the oval and those east beyond are outside the area of works with the exception of those west of the STIF area. These may be impacted upon by the temporary relocation of demountables.

Image 3: Aerial view of school & vegetation groups discussed in report from Travers s report

4.0 The Site and Tree Location

Trees East of Buildings

The trees east of the buildings are near the main pedestrian entrance from Gilbert Street. This area is near proposed works and may be impacted upon by work processes, particularly the excavation of the existing paths. There are few trees of significance in this location.

Trees West of Oval

Trees west of the oval provide an exemplary example of tall trees and sensitively installed play areas. Works will not impact on these trees.

Trees West of Buildings (OOSH)

This area to the west of buildings in the south-west of site, is utilised by the OOSH group. Works will not impact upon these trees.

Trees near Car Park and Trees to South of Car Park

The south-western area of site, along Ridgecrop Street, and west of car entrance is beyond most of the works.

Image: 4 Trees near buildings with limited soil available

5.0 Findings

Larger trees on the site have been assessed individually, or in groups and the results are listed in Appendix F - T*ree Data Schedule.*

The history of impact on the trees is evident near the buildings and expansions to the west and north. The installation of demountables does not appear to have significantly impacted on trees to the south.

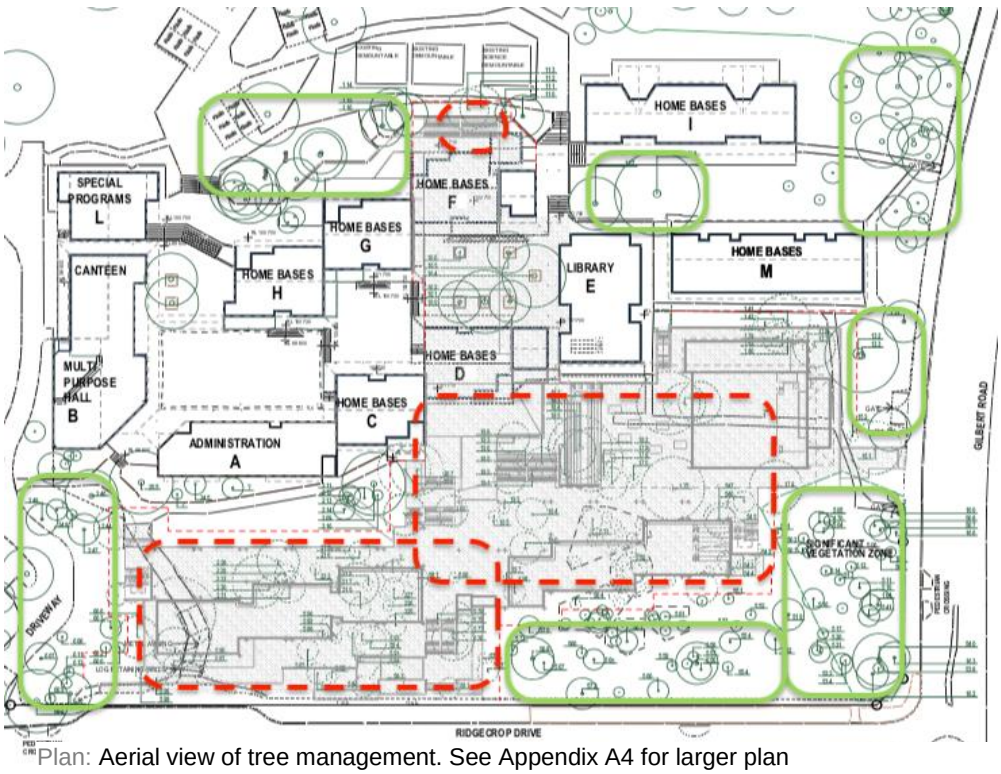
There was very little, large deadwood present, and this appears to have been successfully managed during annual tree inspections.

Summary of Findings

A definitive number of trees requiring removal is difficult to determine at this stage. All trees within the building platform will require removal, i.e. all trees within the red dashed areas. (See plan below).

Trees within three (3) metres of the building platform will require removal to facilitate the works processes.

Trees beyond three metres of works will require that careful management of most of their Tree Protection Zone (i.e.10 x trunk diameter) must be undertaken.



Plan: Aerial view of tree management. See Appendix A4 for larger plan

5.0 Findings (continued)

The total number of removals has been determined on the site plan (Appendix A2) which reflect the building platform. An allowance of three (3) metres has been made beyond the building platform. All trees within works area are to be removed and nearby trees can then be considered for future potential at the completion of works.

Trees Proposed for Removal:

- Trees within the building platform – Removal of all trees within the building platform is proposed. Seventy-seven trees within Building Envelope (including 3 meters beyond platform) proposed for removal are Trees 100–106, 112, 113, 132, 133, 137-143, 150–154, 174, 175, 178, 179, 182-184, 192-194, 196-198, 205-207, 210-219, 227- 231, 244, 245, 542–547, 562, 564, 571, 573-578, 580–591 and 596-600 (see Appendix E2).

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- Trees with canopies overhanging the building envelope will require pruning (Appendix E1).

Tree Requiring Protection and further consideration:

Trees 3 metres from building platform, can be isolated from works with fencing. This is detailed on plan Appendix A4. Distance of TPZ and SRZ are provided in Appendix E.

Some trees where encroachment into TPZ is greater than 10% will require further consideration. Reasons for further consideration include:

- Mature trees of significance with a short Useful Life Expectancy, or structural or health concerns.
- Understorey protection and soil management.

On-site Management

Arboricultural management of works near trees must be undertaken, and this should be established when trees are isolated with fencing from works processes. This will include trees with limited futures, trees requiring formative pruning and trees unsuitable as an *edge tree*.

Pruning

Clearance pruning will be required to perform some works (scaffolding or building process) near trees. Works must be performed to AS4373 (Appendix D). Pruning requirements for trees near works i.e. branches that may conflict with building processes or are likely to become long lever arms (this can be managed in annual tree assessment).

5.1 Discussion by Area

Ecologically Significant Areas

Areas of ecological significance have been identified in the Travers Ecological report, one in the south-eastern corner and one in the north-eastern section of the site.

These areas are shown in blue on the map (see Image 3) including areas Q4 and Q5 and have been identified as STIF (Sydney Turpentine-Ironbark Forest community) an endangered ecological community, listed by the NSW Scientific Committee.

STIF Area South

Trees in the south-eastern corner of the site have works proposed up-hill, and nearby. These must be carefully protected and isolated from the works processes. Trees in this area with unusual growth or damage, appear to be those where mechanical damage has occurred (possibly from mechanical clearing or tree removal). In most cases these tree have managed to maintain their structural strength by compartmentalisation (CODIT).

STIF Area North

Trees in the north-eastern corner (Lilli Pilli [sic] Grove) (see Image 5 below), are outside most works proposed. They impact upon these trees can be avoided by managing the relocation of demountables nearby Upon close inspection, most trees in this area are in *Fair to Poor* health and structural condition many with signs of stresses that require remediation of the soil area.

This area does not have the benefits of the understorey of the lower area south of the buildings.

The reasons for the poor growing conditions are not clear, however, it appeared to be due to human elements rather than natural occurrences.

Image 5: Lilli Pilli Grove – STIF north
Fill under trees causing decline

There is fill and rubble in this area and this has built up around the trunks of trees. If this area is to survive in the longer term, this fill and rubble should be removed to clear the tree trunks.

5.1 Discussion by Area (continued)

Oval Area

The area north of the buildings comprised the school oval. The contrast between the dry open oval and the healthy tree canopy in sandpit area are an excellent example of the benefits of trees.

The area east of oval is relatively undisturbed natural bushland. Several dead trees were noted; however, we were advised that this is an ‘out of bounds area’ where children are not allowed to play, and therefore maintenance has been limited.

Images 6- 8:
Oval area and compacted soil

5.1 Discussion by Area (continued)

West of Oval

Trees in this area are very tall and heathy, with the under area modified to provide active play. The soil in this area was not compacted and not as dry as was the area around oval. The trees in this area are an exemplary example of the possibilities for interaction between children and trees (see Images 9-11 below).

Images 9 - 11: West of Oval natural area of tall trees with sensitive understorey additions

5.1 Discussion by Area (continued)

South of Works

Trees in the area south of the works are similar to the STIF community in the south-eastern corner of the site. This is the area where most building works are proposed and many of the trees close to the buildings will require removal. With the exception of one Turpentine (Tree 174), no one tree is significantly more beneficial than any other. Rather the whole area is made up of relatively healthy trees with an understorey of smaller remanet, and endemic, trees and shrubs.

Bush fire mitigation measures appear to be having an adverse impact on tree health and longevity, also on the understorey. The long-term outcome, if this method of management is continued, will be the loss of a unique and exceptionally beneficial environment. (See notes on bushfire mitigation in Appendix B4) of trees in the south and south-east of the site.

Careful and specific management will be required to limit the impact on retained trees.

East of Buildings

The area east of buildings, near the main pedestrian entrance from Gilbert Street has some revegetation. Also, near this and the entrance from Ridgecrop Street, appears to have been revegetated. Trees are mostly planted mid-storey and understorey native species (non Endemic), in generally *Fair* health and condition. Works are proposed in this location and none of the trees are individually significant.

West of Buildings (OOSH)

The area to the west of buildings in the south-west of the site is utilised by the OOSH group. There are many examples of creative play and enjoyment evident with the children using the natural materials such as sticks, bark and gum nuts. This area appears to be used for both active and passive activities. This area is outside area of proposed works

Car Park and Trees to South.

This area south-west along Ridgecrop Street, is west of car entrance to site and below the carpark. One tree (Tree 13) on the corner of the carpark entrance presents a high risk and should be assessed further and will most likely require removal (see Image 12). This area is beyond most works.

Image 12: Tree #13 near car park with damage under main leader

6.0 Discussion of Assessment

Background in Assessment

Trees can be assessed in two separate ways which can potentially appear contradictory. These are listed as tree *Heath* and tree *Condition*, and are an important summary of the tree assessment. These are recorded in the relevant columns in the *Tree Data Schedule* Appendix F,

Tree Health

A tree's *health* (and vitality) depends upon its growing conditions, and limiting factors such as access to water and air - particularly in their root systems. Prolonged stress in the form of limited water availability, or lack of air from soil compaction or fill over roots, will severely impact on a tree's Health. The tree will be stressed while using stored sugars, and can become vulnerable to damage and diseases that it would normally be manage by the tree using its defence mechanisms of Compartmentalisation Of Decay (or damage) In Trees (CODIT).

A tree can be resilient, and overcome periods of decline in the short-term. Where adverse conditions are eliminated or are remediated, a tree can re-establish and improve in health and vigour as smaller roots are regenerated. This is apparent in the north-eastern corner (Lilli Pilli Grove) area, where most trees are in only *Fair* health and condition. It appears likely that this is due to fill or building rubble – which limits air to smaller roots, and has adverse impacts on the root crown (flare at the base of trunk) in many trees.

Tree Condition

A tree's *Condition* (and structural stability) is important in its ability to stay upright, and be of sound structural condition. This is important both above and below-ground and particularly to the root crown (base of trunk see note above about Lilli Pilli Grove).

Above-ground structural *Condition* can often be managed by removing or managing weak attachments e.g. formative pruning, removing '*included bark'* and managing crossed or poorly formed branches. Also, to allow good leading branches in semi-mature or supressed trees by removing overhanging branches of a dominant tree. (as in the area south of the buildings).

6.0 Discussion of Assessment (continued)

Below-ground condition of a tree is less accessible for assessment and consideration of the sites history is one of the only guides.

This is the primary reason for *setting back* works near a tree. (i.e. outside SRZ). Where concern such as this arise, root mapping can be undertaken to better understand the tree's below-ground conditions and root strength.

Further assessment of canopies after removals is recommended for the trees at the edge of retained group.

Crowded Tree Canopies

The structural condition of trees to being retained in the area south of the buildings are of concern where competition for light and space limits the growth of adjacent younger – (future canopy) trees.

While this is of little concern in natural areas, where this occurs (as in the area south of proposed works), changes such as those proposed, will require assessment to ensure that the tree is able to develop in a structurally sound way (see Image 13).

This can be managed with formative pruning such as removing overhanging branches of an adjacent tree to allow a good strong leader in the supressed tree.

Image 13: Crowded and competing canopies

7.0 Discussion of Tree Groups

Canopy Trees - Eucalypts

The canopy trees are mostly those of the Sydney *Turpentine Ironbark Forest community* (STIF) and the *Sandstone Ridgetop Woodland*. This wide variety of these trees and tree species provided an excellent environment for the school and wider area. This island of tall trees has many benefits and can continue to provide these into the future if appropriately managed.

This vegetation also providing an appreciation of tall trees as a positive experience for the students, and an awareness and understanding of native species and natural bushland, often lacking in many schools.

Understorey Species

Trees as identified in the Tree Data schedule and the understorey as identified in the Travers report are suitable for replacement planting. The under and mid-storey vegetation are important in attracting birds and other fauna.

Weedy Species

There are a few weedy species present on the site. One area requiring management is the area south of the carpark. This is to be expected as this is the lowest point in the land and run-off from the hard surfaces of the bitumen surfaces, concentrates weeds and allows germination.

Solutions to managing weeds are as follows:

Ensure that the understorey is maintained in a natural state (e.g. bush regeneration techniques), and allow endemic seed sources to succeed. Limit weed seeds entering or germinating in this area by e.g. diverting run-off from parking area/hard surfaces into drains or away from natural areas. Plant endemic species on higher land. Finally, avoid exotics that readily self-seed e.g. *Koelreuteria species* –Rain Tree.

7.0 Discussion of Tree Groups (continued)

Future Planting

Where tree planting is desired, initial species considerations should be those of the Cumberland Plain selection, and planted in appropriate soil in areas of as defined in Travers maps. These trees include Turpentine-Ironbark Forest and Sandstone Ridgetop Woodland. Also, a selection of rainforest trees that may have been present in the past, is another good option.

Locally Endemic Shrubs, grasses and ground covers

An understorey is beneficial to whole tree health and survival, as well as protection of the soil area for healthy tree growth and protecting fauna.

Exotic Trees

Exotic trees, where required, must be considered for their future weed potential. It is noted that the *Koelreuteria species* - Rain Tree appears to be becoming of greater weed potential in the Sydney region (It is noted as a weed in dryer locations and it is becoming (anecdotally) apparent, that this species is now self-seeding in areas not previously considered a problem. This is possibly due to 'climate change/warming' creating more suitable growing conditions).

Maintenance Pruning Works

Maintenance works, as performed in the areas near buildings, have been managed well. The changes of site usage will require that new areas of impact are closely considered in annual reviews of the trees, e.g. management of deadwood. All deadwood (3cm∅ at branch junction) should be removed in *high target* areas.

Consideration should also be given to conflicting branches that could weaken a tree, as well as branches that could limit growth of a beneficial and supressed tree (See image 13).

7.1 Discussion of Tree Removal

Tree Removal for works proposed

All trees within the building platform will require removal. An additional distance to allow for the building process will also be required. Three (3) metres will accommodate most works processes. Trees beyond the additional three metres will require assessment of their suitability for retention.

Tree Protection

As all works are to be above existing grade, the impact on trees is limited to footings, which must be by pier or beam construction (not strip footings).
Landscaping: Ideally any new paths can be designed to be *entirely* above, existing grade. Features such as paving or paths should be designed to be entirely above existing grade within the Tree Protection Zone (TPZ) of retained trees.

The process of removing and relocating demountables to the oval area can be managed to limit impacting on retained trees in the moving process. The route taken by the buildings and the equipment used must be carefully considered to limit damage to trees (including the soil beneath these trees) proposed for retention.

Table 1; Tree Removals or Consideration

Species	Location	Reason / Works Required
Various Trees mainly Eucalypts	South of existing buildings	Removal of trees within building platform
Various Trees mainly Eucalypts	South of existing buildings Building envelope – 3m around areas of works	Removal of trees 3m from building platform Soil surface protection required.
Various Trees mainly Eucalypts	South of existing buildings Trees beyond 3m works process allowance	Isolation and protection of trees. Reassessment manage trees Eg unsuitable for *edge* location.
Weedy species	As required	Weedy species
Various	Demountables relocation process	Route taken may impact on existing trees
Single Eucalypt	Tree 13 - near car parking access	High risk tree – assess further

7.2 General Summary of Discussion

There are no individual trees that are more prominent others. Rather the groups of trees present extensive canopies providing many amenity and environmental benefits.

Most trees are growing and surviving as expected. Taller canopy trees (mostly locally endemic Eucalypts and Allocasuarina) are growing well in natural areas and are growing less vigorously with limited growth in impacted areas of compacted soil and planter beds.

Shorter lived and understorey species such as wattles and hakeas are in various degrees of ageing and becoming over-mature.

Regeneration of this important understorey and mid-storey layers are being adversely impacted upon by bushfire mitigation measures (see Appendix B3).

As currently practiced this is likely to lead to gradual tree decline of the overall area. It is recommended that this be managed to halt a decline of the beneficial elements and ensure the survival of this unique area.

The exception to tree health is the fallen tree in the south-western section of the site and this appears to be due to changes/failure to soil strength and cohesion and increase water into the area. The drainage along the southern area has mounding present, apparently in relation to surface water management. It is possible that this, followed by extreme weather conditions, is the reason for the fallen tree.

Trees further east, along this drainage areas do not appear to have been adversely affected.

One tree that requires further consideration if it is to be retained, is the tree near the corner of the car park. This tree (see Image 12) has significant faults under the main branches and is in a high target area of frequent usage by people and cars.

Image 12: Tree near car park with damage under main leader

8.0 Likely Impact on Retained Trees

Site Preparation

The site preparation process is the initial time that trees are likely to be adversely impacted upon. Protection fencing, soil surface protection and run-off management must be in place before any other works occur (Appendix A4 and C1).

Care must be taken to isolate the trunks of any trees where works are proposed within the SRZ (Appendix C2). This will be defined when closer inspection of trees near works is undertaken.

General Tree Protection measures are provided in the following section Sections 9.0, 9.1 and 9.2. Any level changes will adversely impact on retained trees as their roots are mostly in the top 20cm of soil.

Work Between Buildings and Trees

All works between buildings and the TPZ of trees must be managed. Installation of, or changes to drainage must be addressed as this is likely to impact on adjacent trees. Landscaping features, such as soil surfacing, walkways or paving must be above existing ground level (and including and accommodating all base works; not just FFL's).

8.1 Trees

Areas of Semi-Mature Trees – Trees with Long-term Potential

Semi mature or supressed trees are an opportunity to consider the future canopy growth. The southern boundary along the fence line is an area where semi-mature trees are growing. Individual inspection of these trees was not undertaken as they can be isolated beyond other trees being protected. Also, they are not indicated on the survey.

Mature Trees

Mature trees are at their best both aesthetically and environmentally with large canopies, large amounts of stored carbon and expansive canopies of photosynthesising leaves. Mature trees also require management. This is not difficult, rather it requires considered assessment in managing risk.

Exotic Trees

Some exotic trees have been planted around and between the buildings providing a contrast with most being deciduous

Weeds

The area south of the car park, is weedy compared with other areas on the site. Run-off from the car park area has introduced competition in the form of weed establishment.

8.2 General Protection for Retained Trees

Tree protection measures for tree/s being retained will include isolating each to the extent of TPZ/works **before any other works begin**. And maintaining the soil area in its existing condition until the landscaping phase (see Appendices A4 and C1).

Both above and below-ground sections of each tree require protection. Fence (See Appendix C1) each tree or group of trees to TPZ. Where this is not possible or where works or access are required near the tree/s, wrap trunk and install mulch and rumble boards (See Appendix C2) and isolate root zone as diagrammatically represented on plans in Appendix A4.

TPZ

To protect soil from compaction or contamination storage of material must be outside the TPZ.
Where access is required within the TPZ the area should be mulched and rumble boards added (as per Appendix C2). Where there are difficulties isolating tree and tree root zones from works processes, please discuss this further with your project arborist.

Engineering works must be considered by your project arborist and be outside SRZ and most of TPZ.

Surfacing and all associated works must be above existing grade, and performed with consideration of tree roots below. Do Not mechanically scour under tree/s being retained as this will detrimentally impact on roots which are near the surface.

There must not be any level changes with TPZ by an area greater than 15% unless specific arboricultural consideration is given to the works proposed.

SRZ

Any works within SRZ requires that specific and detailed arboricultural assessment be undertaken.
Where access is required within the SRZ the trunk must be isolated/wrapped, the area mulched and rumble boards added as per Appendix C2.
Footings for works or boundary fencing within SRZ - must be of pier and beam construction and NOT strip footings.

8.3 General Tree Protection at Work Phases

Site Preparation

To ensure that adequate tree protection is in place, it is important that protection measures are the first works on site. Fence tree/s to the extent of the TPZ or to specific distances given in the report (see Table 1).

Where access is required within the TPZ, wrap trunk and protect soil within TPZ with geotextile fabric, mulch and rumble boards where fencing is not possible (this must be specifically discussed).

- Consider branches that may interfere with works process and manage or prune (See Appendix D).
- Consider where materials are to be stored and keep this outside tree protection zones.
- Protect tree from run-off from works processes, particularly materials that can change soil chemistry, as this is detrimental to trees, particularly native species.
- DO NOT CHANGE SOIL LEVELS within TPZ without arboricultural advice (Tree roots are usually located in the top 30cm of soil and reductions in soil level can remove most of a tree's roots. Additionally, and increases in soil levels or fill can reduce available air to roots and cause them to die).

Table 2: Tree Protection at Stages of Works

Works Phase	Protection Required	Solution
Site Preparation	Protect Tree canopy, trunk and roots with clear separation from work processes.	Install tree isolation fencing as per distances given in Table 2. (Protect soil where staged works are proposed within the SRZ). Install soil surface and run-off protection for TPZ.
Site Works	Protect tree canopy, trunk and roots. Maintain soil in current condition. Protect soil and roots run off.	Maintain soil surface protection and retain fencing. Contractors should be made aware of the importance of retaining tree protection measures and avoiding damage to vegetation being retained.
Services	Maintain soil in current condition.	Install all services outside tree protection area. No excavation below existing grade without specific arboricultural advice being provided.
Landscaping	Soil and tree roots zone. Cut and Fill.	No significant level changes (no reduction in soil level unless specified. No fill over 10cm unless it is with **structural soils**).

Do not perform works within SRZ without your arborist on site & specific information provided.

9.0 Summary of Assessment

Most trees at Samuel Gilbert School (SGPS) are relatively healthy and in mostly *Good – Fair* condition. This is particularly the case in the areas of dense vegetation. Understorey retention (even with clearing for fire management) has retained a natural level of soil protection by vegetation at ground level. Canopy competition and suppression are the main causes of limitations on future canopy trees.

Factors affecting some trees are compaction near the heavily used areas e.g. around the oval. Trees in the north-eastern ecological area are in decline due to damage to their growing conditions and fill around the base of many trees. It is possible that this was caused during much earlier works on the site, with fill dumped in this area. Remediation of this area is recommended to remove fill from the base of trees and see if this tree decline can halted.

The Tree Data Schedule (Appendix F), provides the initial assessment of tree *Health and Condition*. The trees have then been considered regarding the impact of works proposed. Methods to minimise the impact of works on retained trees is discussed in Sections 6 and 7 of the report.

General Tree Protection measures are provided in Sections 8 of this report. An intrusion of 10% of TPZ *area* is acceptable (as per AS4970) and possibly a greater area if arboriculturally managed. Intrusion into the Structural Root Zone (SRZ), is likely to affect tree stability and therefore increasing risk to nearby property and people.

Specific Calculations of tree protection distances, for *set-backs* for works from trees are provided (see Appendix E). On-site tree management advice prior to site works, in a discussion between the site manager and the project arborist is recommended.

Important factors to consider during works will be that:

- Soil areas around retained trees, must be kept un-compacted and free of fill or building rubble. Fill and building rubble must not be discarded within the TPZ of retained trees.
- Run-off from works processes must be diverted to ensure that it does not enter TPZ of retained trees. Ideally run off can be diverted into drains or away from vegetated areas.
- To prevent tearing by works processes, ensure adequate clearance from canopy. Pruning must be performed before works (See Appendix E1 and Appendix D).

10.0 Conclusion

Over 600 trees and tree groups have been considered. The location of the new buildings has been determined by many factors beyond individual trees and tree health and tree structural condition. Some ecologically sensitive areas of the STIF endangered community have been defined in the Travers ecological report and this has been a critical factor in their retention, protection and management. On-ground assessment of these areas defined two areas of concern beyond the scope of this report and these should be considered for future site management (see Management of soil in north-eastern area, and management of fire mitigation in other areas).

Many large trees will be removed, however, with the exception of the Turpentine's (of which there are few remaining on the site, (and after which the Sydney Turpentine STIF community is named) other trees are generally similar with none being more individually significant than another. The trees have been considered by area of different growing conditions. While understorey trees were not individually assessed, it is important to note that they are important in the overall health of the larger trees.

As all building work, with the exception of footings, are to be above ground, management of works near a large tree, can be managed by isolating them as groups. Discussion of findings is provided in Sections 6 and 7.
Necessary protection measures, set-backs, and constraints required to adequately manage all trees being retained, are provided in this report. See Sections 8 and diagrams in Appendices A4, C1 and C3.

To retain the greatest number of trees, isolation of all trees for three metres beyond the building platform, should be undertaken with the installation of tree protection fencing. Where necessary a further assessment of trees beyond the work area can be undertaken.

11.0 Recommendations

To minimise the impact on the trees being retained, works must be performed as discussed in Sections 8.0, 8.1, 8.2 and 8.3 of this report.

The site manager and contractors must be advised of Tree Protection requirements, and a copy of this report should be available on-site at all times.

The most relevant sections of the report are *Appendix A4 – Indicative Tree Protection Diagrams*, Sections 8.0 and Appendices C1 and C2.

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)

Age of Tree:

Young: Less than 1/3 life expectancy

Semi-mature: 1/3 to 2/3 life expectancy
Mature: Older than 2/3 life expectancy
Over-Mature /Senescent: Older than 2/3 life expectancy and showing signs of irreversible decline

Condition of Tree:

Good: Tree is generally healthy and free from and obvious signs of structural weakness or significant adverse effects of pests and diseases or infection.

Fair: Tree is generally vigorous although has some indication of being adversely affected by the early effects of disease or infection or environmental or mechanical damage. Appropriate tree maintenance can usually improve trees overall health and halt decline.

Poor: Tree in decline and is not likely to improve with reasonable maintenance practices or has a structural fault such as bark *inclusion*.

Dead: Tree no longer capable of sustained growth

Compartmentalisation: CODIT – Compartmentalisation of Decay or Damage in Tree

Diameter at breast height (DBH): The nominal trunk diameter at 1.4 m above ground level

D = Ø arb = Trunk diameter, in m, measured above the root buttress

Dead Wood: Noted in tree data table **D/w**. All deadwood will eventually fall and should be removed in high target/high usage areas, as per AS4373 (Appendix D).

Development Works: Includes any physical activity in relation to land that is specified by the determining authority.

Edge Effect: Tree/s where changes/sudden exposure of its growing conditions, may affect canopy growth or structural condition.

Included Bark: Patterns of development at branch junctions where bark is turned inwards rather than pushed out. – A potentially weak attachment.

Project Arborist: The person responsible for carrying out the tree assessment, report preparation, consultation with designers, specifying tree protection measures, monitoring and certification. The project arborist will be suitably experienced and competent in arboriculture, having acquired through training, qualification (minimum Australian Qualification Framework (AQF) Level 5, Diploma of Horticulture (Arboriculture)) and/or equivalent experience, the knowledge and skills enabling that person to perform the tasks required by this Standard.

Structural root zone (SRZ): The area around the base of a tree required for the tree's stability in the ground. The woody root growth and soil cohesion in this area are necessary to hold the tree upright. The SRZ is nominally circular with the trunk at its centre and is expressed by its radius in metres. This zone considers a tree's structural stability only, not the root zone required for a tree's vigour and long-term viability, which will usually be a much larger area.

Tree: Long-lived woody perennial plant greater than (or usually greater than) 3 m in height with one or relatively few main stems or trunks (or as defined by the determining authority).

Tree Protection Zone (TPZ): A specified area above and below ground and at a given distance from the trunk set aside for the protection of a tree's roots and crown to provide for the viability and stability of a tree to be retained where it is potentially subject to damage by development.

TMO/TPO Tree Management Order/ Tree Preservation Order – Legislation (usually part of Local Environment Plan (LEP) directing management of trees and vegetation).

ULE: Useful Life Expectancy (after Barrell) (see table in Appendix).

Vigour: Ability of a tree to sustain its life processes. The term 'vigour' in this document is synonymous with commonly used terms such as 'health' and 'vitality'.

References

Boland, D.J., Brookner, M.I.H., et al, (1992), *Forest Trees of Australia*, CSIRO, Australia

Harris R.W., Clark, J.R., Matheny N., (2004) *Arboriculture – Integrated Management of Landscape Trees, Shrubs and Vines*. Pub. Prentice Hall, New Jersey USA

Lonsdale, D. (1999) *Principles of Tree Hazard Assessment and Management*, Pub. Forests Commission, The Stationery Office, London.

Mattheck, C., and Breloer, H., (2003) *The Body Language of Trees – A handbook for failure analysis*. Research for Amenity Trees No 4. Pub. The Stationary Office London.

Shigo, Alex L. (1991) *Modern Arboriculture - Touch Trees*, Pub. Shigo and Tree Associates, Snohomish, WA, USA.

Smiley, Thomas E; Matheny, Nelda; Lilly, Sharon (2011!) *Best Management Practices – Tree Risk Assessment*. The International Society of Arboriculture (ISA).

Standards Australia (2007) Australian Standard AS4373-2007 *Pruning of Amenity Trees,* Pub. Standards Australia, Sydney.

Standards Australia (2009) Australian Standard AS4970-2009 *Protection of Trees on Development Sites*, Pub. Standards Australia, Sydney. Licensed to Ms Sue Wylie

Travers Bushfire and Ecology: REF: A17205, Biodiversity Constraints Assessment Report, Lot 1 DP 719671 Ridgecrop Drive Castle Hill, December 2017

www.environment.nsw.gov.au/determinations/SydneyTurpentineIronbarkForestEndComListing.htm

[1] Australian Standard 4970-2009: *Protection of trees on development sites* Licensed to Ms Sue Wylie

Useful References

Planting
http://hort.ifas.ufl.edu/woody/documents/RPG%20Tree%20Planting%20Cue%20Card[1].pdf
http://www.mortonarb.org/trees-plants/tree-and-plant-advice/horticulture-care/how-plant-trees

Tree Benefits
http://www.mortonarb.org/trees-plants/benefits-trees/sources-benefits-tree*s*

www.treesaregood.com/treeowner/treeownerinformation.aspx
www.treesaregood.com/treecare/resources/WhyToppingHurts.pdf
www.treesaregood.com/treecare/resources/New_TreePlanting.pdf
http://www.naturewithin.info/
www.greenhealth.washington.edu
http://www.isa-arbor.sk/dokumenty/Tree_stability_%20Engels_Peter%20Sterken.pdf
http://hort.ifas.ufl.edu/woody/

Site Specific
www.samuelgilbert.nsw.edu.au/our-school.html

Trees are dynamic living structures, growing and adapting to conditions around them. A Tree's condition will change and vary over time depending on weather, environmental factors and mechanical or human interaction. Assessment is limited to the conditions at the time of the inspection and only trees discussed in the report have been assessed. Plans used to assess likely impact are those appended (Appendix A).

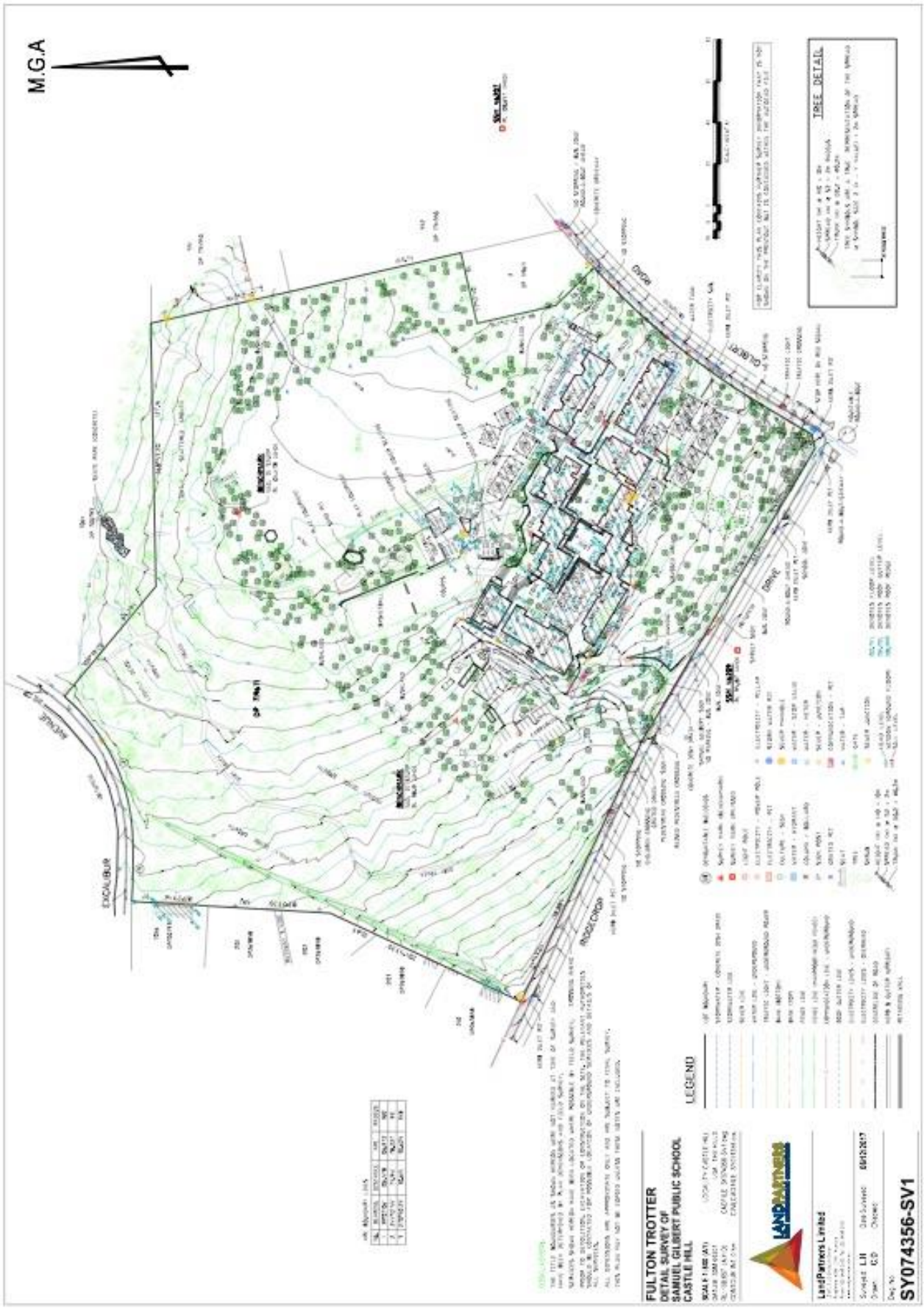
Ongoing monitoring of all nearby trees is advised and where significant changes are observed, further advice should be requested. Unusual developments or sudden changes in a tree's condition should be addressed immediately.

There should be **NO changes within the Structural Root Zone** (SRZ) of a tree without specific arboricultural advice and supervision being provided from an experienced AQF Level 5 arborist.
This also applies to underground utilities and services such as plumbing/gas/drainage and can also apply to landscaping works such as paving below existing grade and fill greater than 10cm above grade.

Photographs are inserted as a guide to matters discussed however these could be misleading and may exaggerate or minimise the elements under discussion. The text should be the main guide to the importance of images and diagrammatic representation on plans.

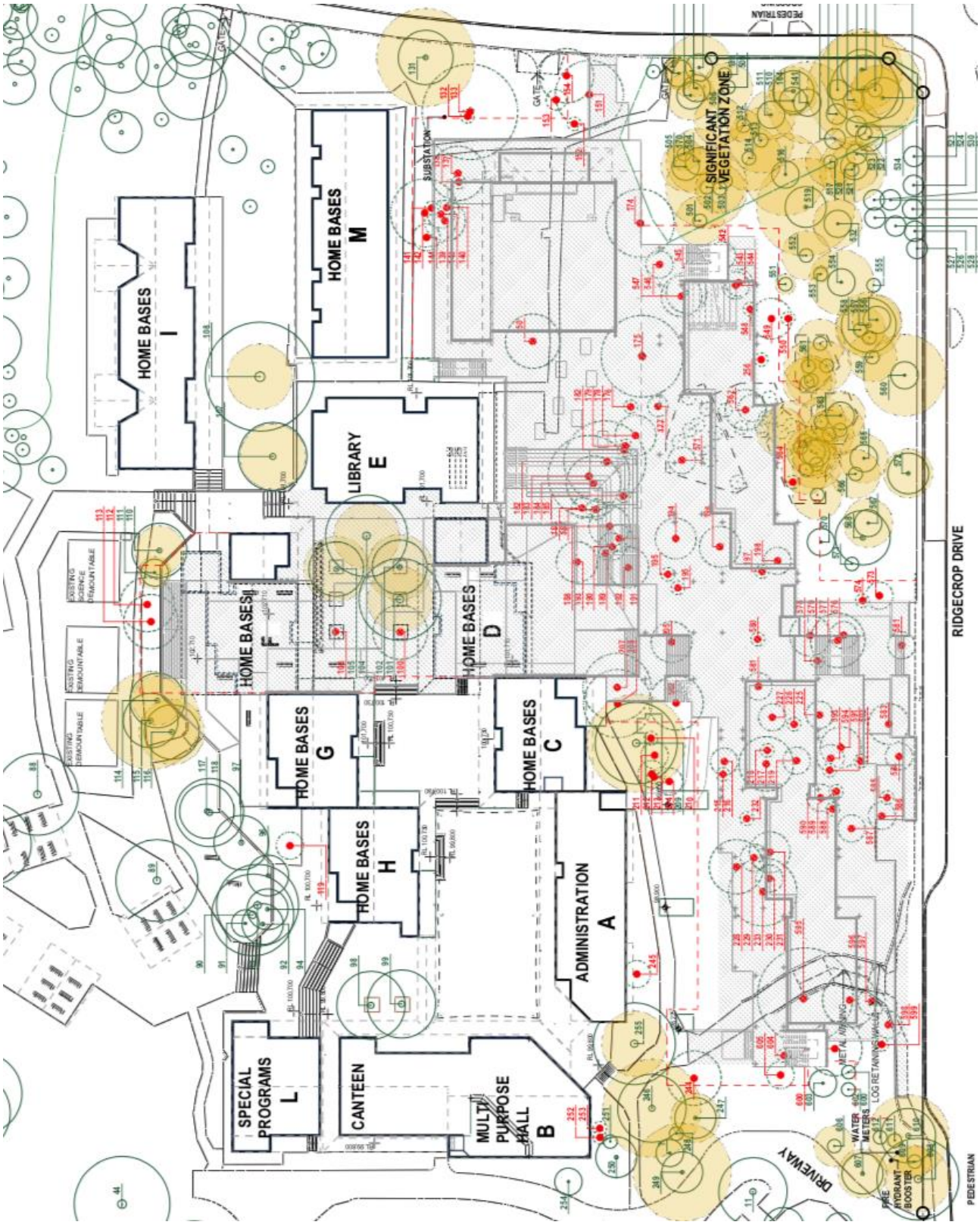
This report is primarily about tree protection measures as they relate to the works proposed (as given in the attached plans) and does not necessarily address tree maintenance or tree management works required.

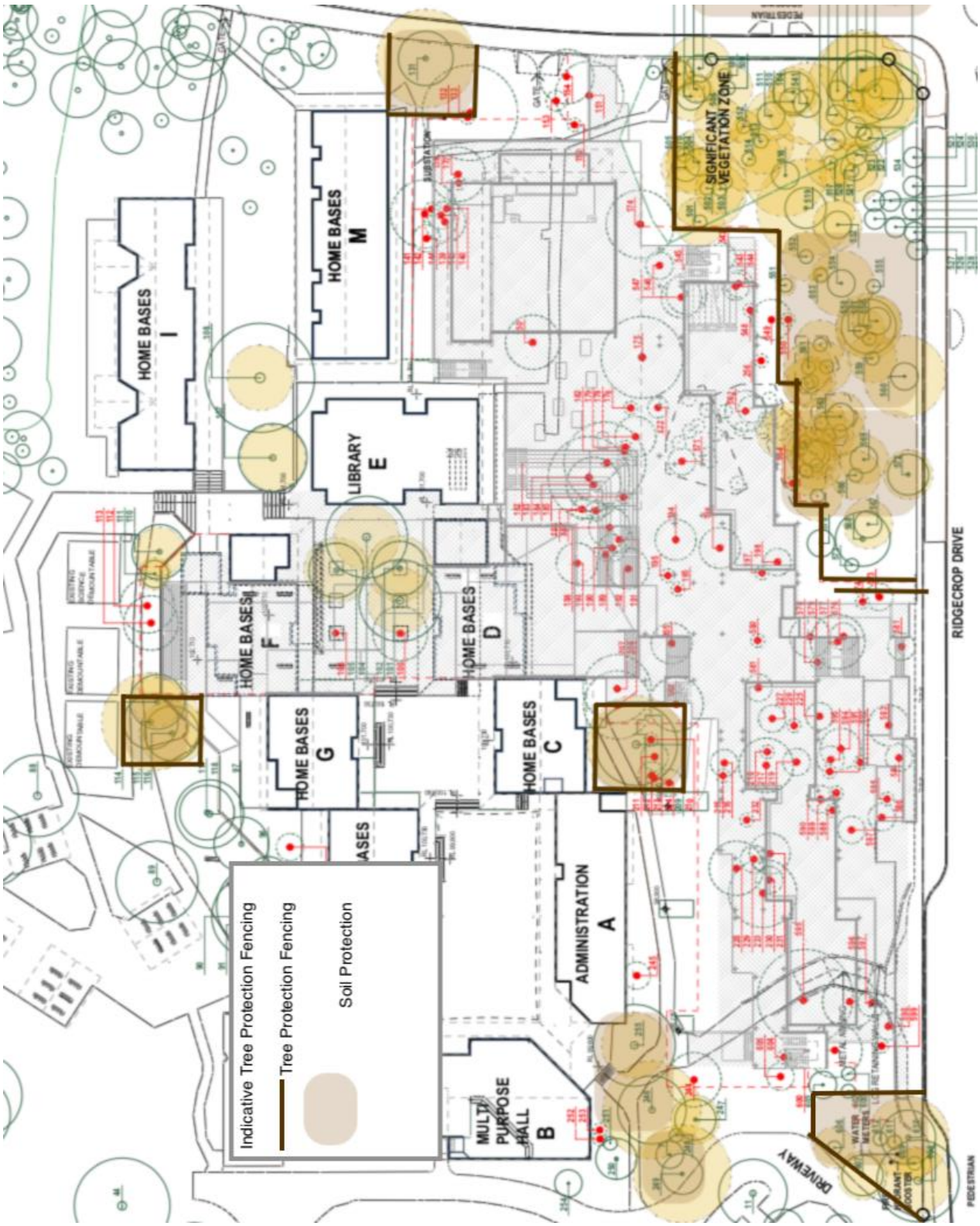
The report is to be considered in its entirety and where unclear clarification should be sought.

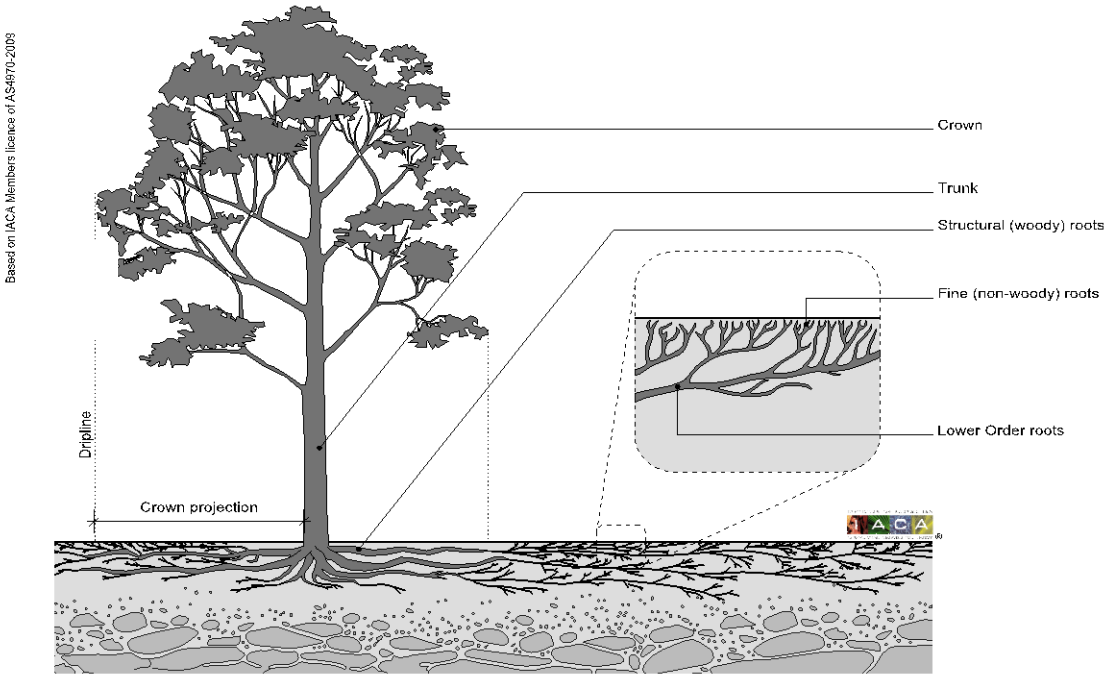

M.G.A
EXCALIBUR
ROSECROFT
FULTON TROTTER
DETAIL SURVEY OF
SAMUEL GILBERT PUBLIC SCHOOL
CASTLE HILL
LEGEND
TREE DETAIL
LandPartners Limited
SY074356-SV1

Tree Plan by Fulton Trotter Architects, Project No:7068SG01, Dwg No: SD1609/Rev P1, Dated 18/10/18

Enlarged section of Plan by Fulton Trotter, Project No:7068SG01, Dwg No: SD1609/Rev P5, Dated 07/11/18




HOME BASES I
HOME BASES M
LIBRARY E
HOME BASES F
HOME BASES G
HOME BASES D
HOME BASES C
ADMINISTRATION A
MULTI PURPOSE HALL B
SIGNIFICANT VEGETATION ZONE
RIDGECROP DRIVE
DRIVEWAY
PEDESTRIAN
Indicative Tree Protection Fencing
Tree Protection Fencing
Soil Protection



Structure of a Tree in a Typical Growing Environment — Scale 1:200 @ A4

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.

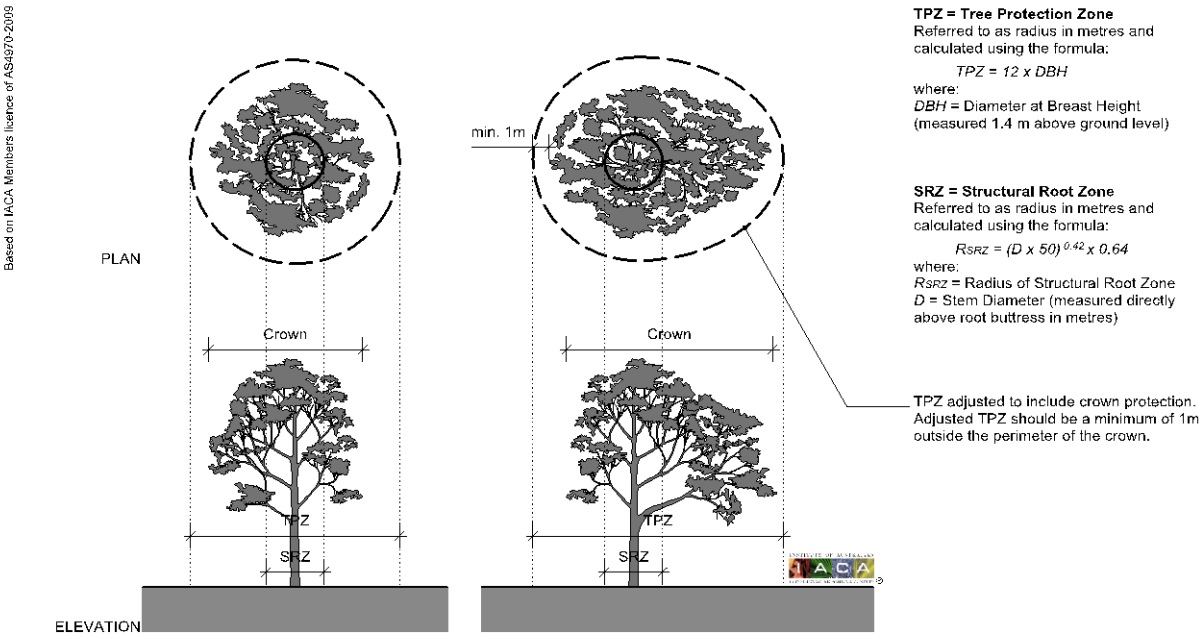
- Protection of tree roots requires that all activity be managed (and preferably eliminated within the Tree Protection Zone) with fencing (i.e. 12 times trunk diameter or as otherwise specified in the report).

- Roots fall into two main categories:
  - **Structural woody/Critical roots (SRZ):** These roots are instrumental in tree anchorage and structural support, 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 health and survival.

- 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 or contaminating the soil.

- Damaged trees are a liability and ongoing expense.

- Existing vegetation, particularly trees, are valuable assets that can continue to contribute to the property value long after new works have been completed.
- If well managed and protected trees provide an amenity to the immediate area and an environmental benefit to the wider community.



Indicative Tree Protection Zone (TPZ) Scale 1:500 @ A4

The theoretical Tree Protection Zones (TPZ) of trees being retained, are given in the appended Tree Protection Calculations section of the report (Appendix E).

Works within the 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%,

Works within Structural Root Zone SRZ

- Where works are required near large roots i.e. those within the SRZ, it is essential to avoid damaging these roots that are providing tree anchorage. Failure to do so is likely to create a dangerous tree that could fall.
- 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).
- Consideration may be required such as root mapping (careful exploratory digging using hand tools) to locate any large roots - 3cm or greater in diameter) and to find suitable locations. Piers for pier and beam construction are the only work possible.
- Piers must avoid roots with 20 – 30mm plus diameters.

"*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. "*[4]

[4] Harris, Clark Matheny (2004)

Fire mitigation measures are having an adverse impact on the future integrity of some tree groups. It appears that many trees with lengthy beneficial futures are being lost. Removals appeared ad hoc. Many fire mitigation requirements can be achieved with selective pruning and overall tree assessment. Additionally, the remains of cut trees above ground level has created trip hazards (see images below).

Many trees have been removed and others marked with various coloured paint. The environmental benefits of the tree groups is gradually being eroded away with the loss of understorey vegetation regeneration, soil compaction and the spread of weedy species encouraged.

: Understorey vegetation, trip hazard stumps and drainage channel south of buildings

Meeting fire mitigation requirements while limiting the loss of beneficial trees and understorey is recommended. Decisions regarding which trees are removed requires greater consideration, preferably with thoughtful arboricultural input (minimum AQF5) and discussion between specialists. Understorey vegetation can be vigorous and therefore green with less likelihood of flammability.

A final site evaluation was performed after the most recent school holidays and it became apparent that several large trees had been removed. Also, soil compacting, tyre tracks were present through the southern section of the site.

Cooperation between specialists can arrive at a better outcome in each area of long-term tree survival and appropriate fire mitigation. It is too easy to remove a tree with great value in maturity and they deserve acknowledgment of their longevity and future benefit.

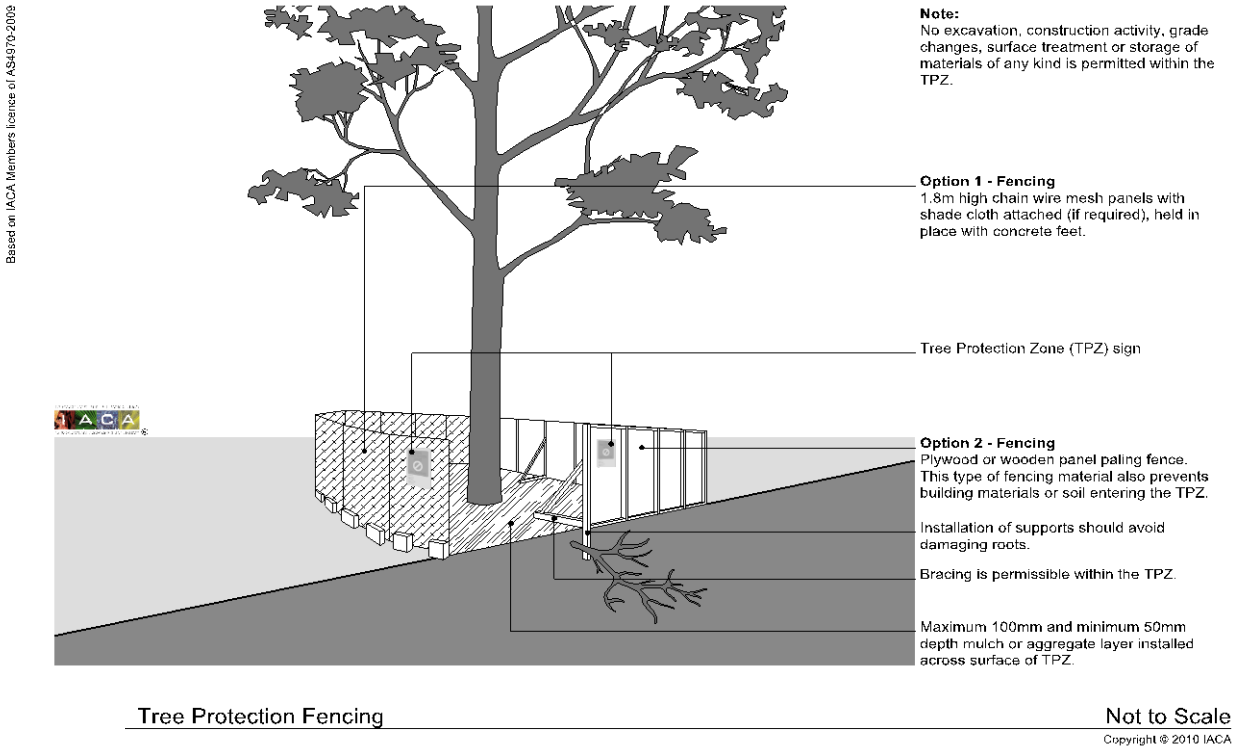
Tree Numbering

Many tree numbers, as identified on the survey plan, have since been removed. Also, some trees on the plan and in schedule are now gone. These are identified in the Tree Data Table as *No Tree*. Additionally, it appears that some trees have been removed since the initial TreeTalk assessments.

Initially, identification numbering was arrived at by follow numbers as on reflected the tagged trees (from annual tree inspections). The sequencing became difficult when tags were unreadable and some trees no longer present.

Due to the density of trees and closeness of trees and lack of reference points, tree location was difficult, particularly when reassessing or trying to later locate a tree. The TreeTalk method of identifying trees in dense areas was to use temporary ties on trees for ease of locating trees.

Tree tagging was not part of the project; however, it is recommended that this be undertaken in the future (with imprinted metal tags) for ease of tree location, data collection and subsequent referencing.



Tree Protection should be the first works on site: Protecting trees and vegetation being retained by isolating it with fencing is easier and far less expensive than later replacement or re-establishment.

Exclusion of Activity Inside the TPZ

- Each tree to be retained should be fenced off to the extent of the Tree Protection Zone excluding all activity unless otherwise indicated in the report. The fencing is to exclude storage of materials, site sheds, machinery, run off (e.g. concrete, or chemical treatments), the movement of pedestrian or vehicular traffic, the temporary, location of services, e.g. trenches, pits or canals.

- No works should be performed within the fenced area without specific consideration given. This includes mechanical scouring of existing vegetation and changes of soil levels (either the addition or removal).

- Where access is required adjacent to a tree e.g. along a driveway trunks and branches will require protection (see Appendix C2).

FENCING

- **For large significant trees** fencing should be 1.8m in height of cyclone chainmesh Hire from - temporary fencing companies or similar. Other vegetation can be isolated using star pickets and orange parra-webbing. Available at local hardware outlets

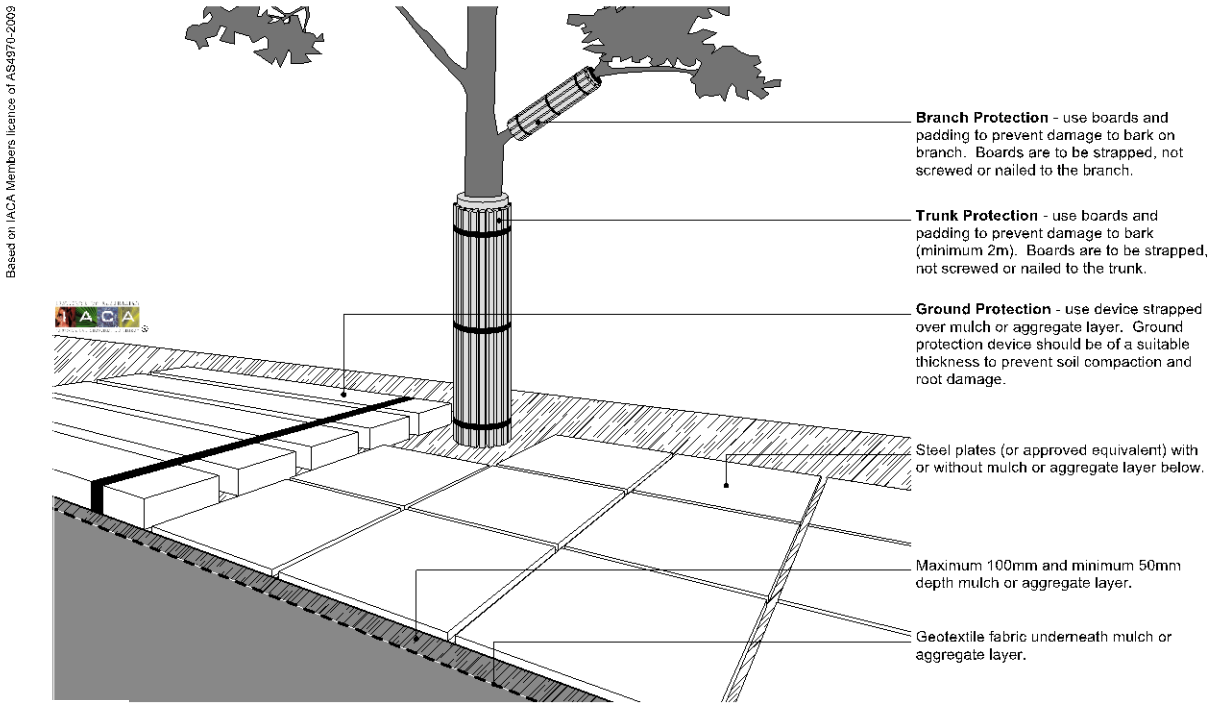
Site Signage on the fencing reminds workers of specific reasons for the fencing – for example:

'This fencing is not to be moved'.

'This Tree Protection Zone is to isolate vegetation from the building process'.

No equipment or materials are to enter or be stored within the fenced area and no chemicals or run off enter this protected zone.

Should fencing need to be moved for any reason first contact …Site Manager on 9999 9999 or Arborist on 0417 022 692'.



Examples of Branch, Trunk and Ground Protection — Not to Scale

WORKS CLOSE TO A TREE

Trunk Protection

Where a tree trunk is likely to be knocked (e.g. site access along a driveway) it must be protected from possible damage. Protection material may be hessian, carpet, underfelt (or similar breathable material) with timber planks attached with wire or rope, encircling the materials (not into trunk).

Protection material should cover from the base of the tree to 2m (or to a level that is likely to be damaged by passing equipment) branch protection may be required.

Where access or works within TPZ are required soil surface protection must be installed i.e. a platform (constructed of steel material or timber/rumble boards capable of supporting and distributing the weight over a layer of mulch) and geotextile fabric (see diagram above).

Branch & Foliage Protection

To accommodate works some pruning might be required.

All pruning should be performed by a Qualified Tree Surgeon to ensure pruning is to AS 4373- 1996 'Australian Standards for Pruning Amenity Trees, see Appendix D). (If greater than 10% council approval may be necessary).

MULCH

Mulch is a blanket of insulating material that helps maintain soil moisture reduces the effects of temperature fluctuation and assists in weed reduction. Organic mulch is preferable as it also improves soil condition. Mulch such as Eucalyptus Wood mulch is ideal for use on development sites and should be placed to a depth of 70-100mm within the Tree Protection Zone or drip zone. The area immediately around the trunk should be kept clear of mulch to ensure no moisture builds up at the base of the trunk. It is also a barrier used in exceptional circumstances to assist with reducing soil compaction with vehicular access.

As poor pruning practices can create dangerous trees, introduce disease and cause trees to decline in health, all tree works recommended in this report should comply with the **Australian Standard for Pruning of Amenity Trees AS4373-2007**, and be performed by a suitably qualified and experienced tree surgeon, preferably with membership of a recognised organisation e.g. Arboriculture Australia (AA), Tree Contractors Association (TCA).

Tree works by unqualified, inexperienced or well-meaning cutters who do not perform works to AS 4373 can lead to many long-term and detrimental effects on the tree.

Tree Safety concerns include:

- Topping, lopping and structural root removals (roots >3cm in diameter) are inappropriate tree works, likely to create hazardous trees.
- Excessive pruning can lead to inappropriate growth such as the development of epicormic shoots. Epicormic shoots are emergency growth to provide short-term nutrient supply and are rarely strongly attached to branches or trunks. These branches are likely to fall as they become heavier.
- Removal of deadwood in Urban Trees is necessary in high traffic areas as part of the maintenance regime. Excessive deadwood production needs investigation.

Tree Health concerns include:

- Disease can be introduced onto a site or be transferred between trees by unclean equipment. **All equipment used should be cleaned before use and between trees with either 10% bleach 90% water or 70 % Metho 30% water.**
- Where a tree is suspected of being diseases the wood should be disposed of with care and not used for mulch.
- Poorly maintained equipment such as unsharpened blades, promotes jagged or poor cuts, leading to unnecessary stress and greater chance of disease entry and insect attack.
- Cutting to inappropriate points along a branch (known as lopping) encourages weakly attached regrowth that is likely to fail.
- The trees' natural defence and protection systems can be weakened by inappropriate cutting.

Considerations Before Pruning

Trees do not in themselves require pruning. A tree will naturally optimize its use of light (foliage) and space (particularly roots). When we interfere with this process by removing live foliage we interrupt or reduce the trees ability to photosynthesise and produce the sugars required for health and vigour. Where we cut branches, the tree must use stored sugars to manage the cut surface with defences to insect and disease.

Trees in the urban area require management to fit in with our requirements. Removal of deadwood as well as diseased and damaged wood are normal maintenance procedures to limit the impact on us. Removal of live wood (stored sugars) and foliage must be kept to a minimum.

From AS4373 - *The tree should not be adversely affected by pruning.*

> *Prior to pruning being prescribed or undertaken a thorough inspection of the tree should be carried out by a person competent in arboricultural assessment (minimum AQF Level 3). This should include an assessment of the trees health, growth habit, structure, stability and growing environment. The need for pruning should be determined. If pruning is required, then the current and subsequent pruning requirements should be specified. Clause 7 covers types of pruning*.

Good tree management: Pruning is creating minimal adverse effects on the tree.

Pruning is defined as considered cutting to branch collars (the location of many tree defences) without damaging the collar (e.g. flush cutting).

Poor Inappropriate Tree works include: Indiscriminate cutting often leading to poorly attached re-growth that is likely to fail.
E.g. **Lopping –** Random cutting at a point between branch unions (i.e. not to branch collars). This practice usually damages a tree reducing strength condition and vigour and promoting premature decline and exposure to pests and diseases.
Topping - Height reduction**,** Removal of the upper part of a tree reducing its height by Lopping and **Flush cutting –** removal of or damage to branch collar.

For your protection **Choose a Professional Tree surgeon who**:

- Conducts their business according to The Code of Practice for The Amenity Tree Industry.
- Performs works to Australian Standard for Pruning of Amenity Trees, 4373–1996
- Carries CURRENT Public Liability Insurance – Check currency certificate.
- Is a member of a recognised, professional organisation such as: Tree Contractors Association (TCA) or Arboriculture Australia (AA). Membership of these organisations requires that works be performed to appropriate standards. These members are monitored for compliance.

About the **Code of Practice for the Amenity Tree Industry** 1998

'*This code has been developed as TREE WORK IS HAZARDOUS. The industry is full of hazards ranging from the tree itself, to the weather, the terrain and difficult sites in which tree work is carried out. Each year, many people in the tree industry are killed or injured. Apart from the enormous impact of injury on individuals and their families, accidents cost the community a significant amount of money. The relatively high incidence of injuries is reflected in the high rates for workers' compensation insurance premiums. When injuries are analysed, the overwhelming majority could have been prevented by following the simple safety procedures outlined in this Code of Practice'.* (Quote from the code)

This code provides practical guidance on safety requirements for the amenity tree industry. It is intended as a guide to the public and private sectors in meeting their requirements under the Occupational Health and Safety Act 1983. This code applies to the amenity tree industry for pruning, trimming, repairing, maintaining, transplanting and removing trees and for wood chipping, stump grinding and for equipment used in such operations.

About the Australian Standard: Pruning of Amenity[5] Trees 4373–2007

This document outlines 'best practice' methods of tree work, written for compliance by arborists. Your chosen tree contractor must be familiar with and perform all works according to the standard.

[5] The AS4373 is for Amenity trees and does not relate to trees in Commercial production.

Appendix E

Trees to be retained **SGPS Tree Protection Calculations as per AS 4970 - 2009**

Tree No.	Species	DBH cm	Tree Protection Area (m^2)	SRZ Radius	Intrusion into SRZ	TPZ Radius	Intrusion into TPZ Area	Works nearby/Tree Protection Measures
107	*Eucalyptus haemastoma* Scribbly Gum	40cm	72m^2	2.3m		4.8m		Isolate tree as part of the group with fencing
108	*Eucalyptus haemastoma* (Scribbly Gum)	40cm	72m^2	2.3m		4.8m		Isolate tree as part of the group with fencing
116	*Acacia sp* (Wattle)	4 x20cm	72m^2	3.0m		4.8m		Isolate tree as part of the group with fencing
131	*Eucalyptus resinifera* (Red Mahogany)	40 + 40cm	163m^2	2.7m		7.2m		Isolate tree as part of the group with fencing
160	*Corymbia (Euc) gummifera* (Red Bloodwood)	16cm	18m^2	1.7m		2.4m		Isolate tree as part of the group with fencing
162	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm + 25cm + 20cm +	72m^2	2.3m		4.8m		Isolate tree as part of the group with fencing
163	*Acacia sp* (Wattle)	50cm	113m^2	2.5m		6.0m		Isolate tree as part of the group with fencing
164	*Angophora costata* (Sydney Red Gum)	29 + 17cm	41m^2	2.0m		3.6m		Isolate tree as part of the group with fencing
166	*Angophora costata* (Sydney Red Gum)	25cm + 36cm	72m^2	2.3m		4.8m		Isolate tree as part of the group with fencing
170	*Angophora costata* (Sydney Red Gum)	18cm	18m^2	1.7m		2.4m		Isolate tree as part of the group with fencing

Appendix E

Trees to be retained — SGPS Tree Protection Calculations as per AS 4970 - 2009

Tree No.	*Species*	DBH cm	Tree Protection Area (m2)	SRZ Radius	Intrusion into SRZ	TPZ Radius	Intrusion into TPZ Area	Works nearby/Tree Protection Measures
247	*Eucalyptus paniculata* (Grey Ironbark)	25cm	41m^2	2.0m		3.6m		Isolate tree as part of the group with fencing
248	*Eucalyptus paniculata* (Grey Ironbark)	30cm	41m^2	2.0m		3.6m		Isolate tree as part of the group with fencing
249	*Eucalyptus paniculata* (Grey Ironbark)	50 +40cm	163m^2	2.7m		7.2m		Isolate tree as part of the group with fencing
502	*Angophora costata* (Sydney Red Gum)	50+ 10cm	113m^2	2.5m		6.0m		Isolate tree as part of the group with fencing
503	*Syncarpia glomulifera* (Turpentine)	3x 10-20	41m^2	2.0m		3.6m		Isolate tree as part of the group with fencing
504	*Syncarpia glomulifera* (Turpentine)	20+23+ 26cm	72m^2	2.3m		4.8m		Isolate tree as part of the group with fencing
505	*Angophora costata* (Sydney Red Gum)	23cm + 26cm	41m^2	2.5m		3.6m		Isolate tree as part of the group with fencing
506	*Syncarpia glomulifera* (Turpentine)	25cm	41m^2	2.0m		3.6m		Isolate tree as part of the group with fencing
507	*3 x Allocasuarina torulosa* (Forest Oak)	15cm	4.6m^2	1.5m		1.2m		Isolate tree as part of the group with fencing
508	*Syncarpia glomulifera* (Turpentine)	25cm	41m^2	2.0m		3.6m		Isolate tree as part of the group with fencing

Appendix E

Trees to be retained — SGPS Tree Protection Calculations as per AS 4970 - 2009

Tree No.	*Species*	DBH cm	Tree Protection Area (m2)	SRZ Radius	Intrusion into SRZ	TPZ Radius	Intrusion into TPZ Area	Works nearby/Tree Protection Measures
509	*Syncarpia glomulifera* (Turpentine)	23cm + 22cm	41m^2	2.0m		3.6m		Isolate tree as part of the group with fencing
510	*Syncarpia glomulifera* (Turpentine)	22cm + 22cm	41m^2	2.0m		3.6m		Isolate tree as part of the group with fencing
511	*Syncarpia glomulifera* (Turpentine)	20 +20 + 20cm	41m^2	2.0m		3.6m		Isolate tree as part of the group with fencing
512	*Syncarpia glomulifera* (Turpentine)	20 + 10cm	18m^2	1.7m		2.4m		Isolate tree as part of the group with fencing
513	*Angophora costata* (Sydney Red Gum)	40cm	72m^2	2.3m		4.8m		Isolate tree as part of the group with fencing
514	*Angophora costata* (Sydney Red Gum)	23 +25 +15cm	72m^2	2.3m		4.8m		Isolate tree as part of the group with fencing
516	*Angophora costata* (Sydney Red Gum)	40 +20 + 32cm	113m^2	2.5m		6.0m		Isolate tree as part of the group with fencing
517	*Syncarpia glomulifera* (Turpentine)	26cm	41m^2	2.0m		3.6m		Isolate tree as part of the group with fencing
519	*Syncarpia glomulifera* (Turpentine)	55cm (at 1m)	163m^2	2.6m		7.2m		Isolate tree as part of the group with fencing
520	*Corymbia (Euc) gummifera* (Red Bloodwood)	25 + 25cm	72m^2	2.3m		4.8m		Isolate tree as part of the group with fencing
521	*Angophora costata* (Sydney Red Gum)	32cm	41m^2	2.3m		3.6m		Isolate tree as part of the group with fencing
532	*Angophora costata* (Sydney Red Gum)	30cm	41m^2	2.3m		3.6m		Isolate tree as part of the group with fencing

Appendix E

Trees to be retained **SGPS Tree Protection Calculations as per AS 4970 - 2009**

Tree No.	*Species*	DBH cm	Tree Protection Area (m2)	SRZ Radius	Intrusion into SRZ	TPZ Radius	Intrusion into TPZ Area	Works nearby/Tree Protection Measures
534	*Angophora costata* (Sydney Red Gum)	35cm	41m^2	2.3m		3.6m		Isolate tree as part of the group with fencing
538	*Syncarpia glomulifera x 3* (Turpentine)	15 +20+ 20cm	41m^2	2.3m		3.6m		Isolate tree as part of the group with fencing
540	*Angophora costata* (Sydney Red Gum)	35 +40+ 40cm	222m^2	2.9m		8.4m		Isolate tree as part of the group with fencing
541	*Eucalyptus resinifera* (Red Mahogany)	50cm	113m^2	2.5m		6.0m		Isolate tree as part of the group with fencing
552	*Angophora costata* (Sydney Red Gum)	25cm	41m^2	2.0m		3.6m		Isolate tree as part of the group with fencing
553	*Angophora costata* (Sydney Red Gum)	10cm	4.5m^2	1.7m		1.2m		Isolate tree as part of the group with fencing
554	*Corymbia (Euc) gummifera* (Red Bloodwood	40cm	72m^2	2.3m		4.8m		Isolate tree as part of the group with fencing
555	*Corymbia (Euc) gummifera* Red Bloodwood)	23+ 25cm	72m^2	2.3m		4.8m		Isolate tree as part of the group with fencing
556	*Eucalyptus resinifera* Red Mahogany	32cm	41m^2	2.3m		3.6m		Isolate tree as part of the group with fencing
557	*Eucalyptus haemastoma* Scribbly Gum	40cm at 1m	72m^2	2.3m		4.8m		Isolate tree as part of the group with fencing
558	*Corymbia (Euc) gummifera* Red Bloodwood	25cm	41m^2	2.3m		3.6m		Isolate tree as part of the group with fencing
559	*Corymbia (Euc) gummifera* Red Bloodwood	30cm	41m^2	2.3m		3.6m		Isolate tree as part of the group with fencing

Tree No.	*Species*	DBH cm	Tree Protection Area (m2)	SRZ Radius	Intrusion into SRZ	TPZ Radius	Intrusion into TPZ Area	Works nearby/Tree Protection Measures
560	*Eucalyptus species* Ironbark	50cm	113m^2	2.0m		6.0m		Isolate tree as part of the group with fencing
561	4 x *Corymbia (Euc) gummifera* (Red Bloodwood) 1 x *Angophora costata* (Sydney Red Gum)	30cm	41m^2	2.3m		3.6m		Isolate tree as part of the group with fencing
563	4 x *Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	41m^2	2.3m		3.6m		Isolate tree as part of the group with fencing
565	*Eucalyptus resinifera* (Red Mahogany)	30cm	41m^2	2.3m		3.6m		Isolate tree as part of the group with fencing
566	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	41m^2	2.3m		3.6m		Isolate tree as part of the group with fencing
567	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	41m^2	2.3m		3.6m		Isolate tree as part of the group with fencing
568	*Eucalyptus haemastoma (*Scribbly Gum)	50cm	113m^2	2.5m		6.0m		Isolate tree as part of the group with fencing
572	3 x *Eucalyptus sp. Gums*	30-10cm	41m^2	2.3m		3.6m		Isolate tree as part of the group with fencing
606	*Eucalyptus paniculata* Grey Ironbark	25cm	41m^2	2.3m		3.0m		Isolate tree as part of the group with fencing
607	*Eucalyptus paniculata* Grey Ironbark	35cm	41m^2	2.3m		3.6m		Isolate tree as part of the group with fencing
608	*Eucalyptus paniculata* Grey Ironbark	40cm	72m^2	2.3m		4.8m		Isolate tree as part of the group with fencing

Appendix E Trees to be retained SGPS Tree Protection Calculations as per AS 4970 - 2009

Tree No.	*Species*	DBH cm	Tree Protection Area (m2)	SRZ Radius	Intrusion into SRZ	TPZ Radius	Intrusion into TPZ Area	Works nearby/Tree Protection Measures
609	*Eucalyptus sp*. (Gum tree)	20cm	18m^2	1.7m		2.4m		Isolate tree as part of the group with fencing
610	*Eucalyptus paniculata* Grey Ironbark	45cm	113m^2	2.5m		6.0m		Isolate tree as part of the group with fencing
611	*Eucalyptus sp*. (Gum tree)	>10cm	4.5m^2	1.7m		1.2m		Isolate tree as part of the group with fencing

Appendix E1

Trees within 3m of works — SGPS Tree Protection Calculations as per AS 4970 - 2009

Tree No.	Species	DBH cm	Tree Protection Area (m^2)	SRZ Radius	Intrusion into SRZ	TPZ Radius	Intrusion into TPZ Area	Works nearby/Tree Protection Measures
111	*Syzygium paniculatum* (Brush Cherry)	20cm	18m^2	1.7m		2.4m	Yes	
570	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	41m^2	2.00m		3.6m	Yes	
110	*Corymbia (Euc) maculata* Spotted Gum	35cm	41m^2	2.3m		3.6m	Yes	Canopy overhanging works zone
114	*Eucalyptus haemastoma* Scribbly Gum	2 x 12-25cm	72m^2	2.3m		4.8m	Yes	Canopy overhanging works zone
115	*Eucalyptus sp (Gum)*	2 x 25-30cm	163m^2	2.7m		7.2m	Yes	Canopy overhanging works zone
209	*Angophora costata* (Sydney Red Gum)	60cm	163m^2	2.7m		7.2m	Yes	Canopy overhanging works zone
246	*Eucalyptus paniculata* (Grey Ironbark)	60cm	163m^2	2.7m		7.2m	Yes	Canopy overhanging works zone
255	*Eucalyptus haemastoma* (Scribbly Gum)	40cm	72m^2	2.3m		4.8m	Yes	Canopy overhanging works zone

Appendix E1

Trees within 3m of works — SGPS Tree Protection Calculations as per AS 4970 – 2009

Tree No.	*Species*	DBH cm	Tree Protection Area (m2)	SRZ Radius	Intrusion into SRZ	TPZ Radius	Intrusion into TPZ Area	Works nearby/Tree Protection Measures
501	*Eucalyptus haemastoma* (Scribbly Gum) Euc pilularis	15 + 20cm	41m^2	2.00m		3.6m	Yes	Canopy overhanging works zone
551	*Eucalyptus resinifera* (Red Mahogany)	25cm	28m^2	1.85m		3.0m	Yes	Canopy overhanging works zone
564	*Eucalyptus punctata* (Grey Gum)	30cm	41m^2	2.00m		3.6m	Yes	Canopy overhanging works zone
600	*Eucalyptus resinifera* Red Mahogany	50cm	113m^2	2.47m		6.0m	Yes	Canopy overhanging works zone
610	*Eucalyptus paniculata* Grey Ironbark	45cm	91m^2	2.37m		5.4m	Yes	Canopy overhanging works zone

Appendix E2

SGPS: Trees to be Removed

Tree No.	Species	Intrusion into SRZ	Intrusion into TPZ Area	Remove tree with care Do not to impact on retained trees nearby
100	*Koelreuteria paniculata* (Golden Rain Tree/Pride of India)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
101	*Koelreuteria paniculata* (Golden Rain Tree/Pride of India)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
102	*Koelreuteria paniculata* (Golden Rain Tree/Pride of India)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
104	*Koelreuteria paniculata* (Golden Rain Tree/Pride of India)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
105	*Liriodendron tulipiferum* (Tulip Tree)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
106	*Eucalyptus haemastoma* Scribbly Gum	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
112	*Eucalyptus haemastoma* Scribbly Gum	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
113	*Eucalyptus haemastoma* Scribbly Gum	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
132	*Angophora costata* (Sydney Red Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
133	*Eucalyptus punctata* (Grey Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
137	*Angophora costata* (Sydney Red Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
138	*Allocasuarina torulosa* (Forest Oak)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
139	2 x *Eucalyptus resinifera* (Red Mahogany)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
140	*Angophora costata* (Sydney Red Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
141	2 x *Allocasuarina torulosa* (Forest Oak)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
142	*Angophora costata* (Sydney Red Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
143	*Angophora costata* (Sydney Red Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby

Tree No.	Species	Intrusion into SRZ	Intrusion into TPZ Area	Remove tree with care Do not to impact on retained trees nearby
150	*Angophora costata* (Sydney Red Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
151	*Eucalyptus punctata* Grey Gum	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
152	*Eucalyptus sp* (Gum tree)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
153	*Eucalyptus resinifera* (Red Mahogany)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
154	*Eucalyptus haemastoma* Scribbly Gum	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
174	*Eucalyptus resinifera* (Red Mahogany)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
175	*Eucalyptus haemastoma* *(*Scribbly Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
178	*Eucalyptus resinifera* (Red Mahogany)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
179	*Angophora costata* (Sydney Red Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
182	*Eucalyptus resinifera* (Red Mahogany)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
183	*Angophora costata* (Sydney Red Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
184	*Eucalyptus resinifera* (Red Mahogany)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
192	*Corymbia (Euc) gummifera* *(Red Bloodwood)*	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
193	*Acacia implexa* Hickory Wattle/ Weetjellan (D'harawal)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
194	*Acacia implexa* Hickory Wattle/ Weetjellan (D'harawal)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
196	*E Angophora costata* (Sydney Red Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
197	*Corymbia (Euc) gummifera* *(Red Bloodwood)*	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby

Tree No.	Species	Intrusion into SRZ	Intrusion into TPZ Area	Remove tree with care Do not to impact on retained trees nearby
198	*Angophora costata* (Sydney Red Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
205	*Allocasuarina torulosa* (Forest Oak)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
206	*Angophora costata* (Sydney Red Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
207	*Angophora costata* (Sydney Red Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
210	*Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
211	*Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
212	*Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
213	*Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
214	*Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
215	*Allocasuarina torulosa* (Forest Oak)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
216	*Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
217	*Angophora costata* (Sydney Red Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
218	*Eucalyptus resinifera* (Red Mahogany)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
219	*2 x Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
227	*Eucalyptus resinifera* (Red Mahogany)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
228	*Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
229	*Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
230	*Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby

Tree No.	Species	Intrusion into SRZ	Intrusion into TPZ Area	Remove tree with care Do not to impact on retained trees nearby
231	*Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
244	*Eucalyptus microcorys* (Tallowwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
245	*Grevillea* Grevillea Hybrid	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
542	*Syncarpia glomulifera* Turpentine	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
543	*Eucalyptus haemastoma* (Scribbly Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
544	*Eucalyptus resinifera* (Red Mahogany)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
545	*Syncarpia glomulifera* Turpentine	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
546	*Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
547	*2 x Syncarpia glomulifera* Turpentine	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
562	4 x *Corymbia (Euc) gummifera* (Red Bloodwood) 1 x *Angophora costata* (Sydney Red Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
564	10 x *Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
571	*14 x Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
573	*Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
574	*Angophora costata* (Sydney Red Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
575	2 wattle 4 x *Eucalyptus sp.*	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
576	*Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
577	*Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
578	*Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby

Tree No.	Species	Intrusion into SRZ	Intrusion into TPZ Area	Remove tree with care Do not to impact on retained trees nearby
580	*Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
581	*Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
582	*Angophora costata* (Sydney Red Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
583	Acacia sp. Wattle	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
584	*Eucalyptus sp* (Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
585	*Eucalyptus sp* (Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
586	*Eucalyptus sp* (Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
587	*Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
588	*Corymbia (Euc) gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
589	Dead *& bit of gummifera* (Red Bloodwood)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
590	*Angophora costata* (Sydney Red Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
591	*Angophora costata* (Sydney Red Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
596	*Eucalyptus punctata* (Grey Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
597	2 x *Eucalyptus punctata* (Grey Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
598	*Eucalyptus punctata* (Grey Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
599	*Eucalyptus punctata* (Grey Gum)	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby
600	*Eucalyptus resinifera* Red Mahogany	Yes	Yes	Remove tree with care. Do not to impact on retained trees nearby

Trees within Building Envelope proposed for removal; 100 – 106, 112, 113, 137-143, 150 – 152, 174, 175, 178, 179, 182 -184, 192-194, 196- 198, 205-207, 215-219, 227-231, 244, 542 – 547, 562, 564, 571, 573- 578, 580 – 591, 596-600.

Appendix F

Samuel Gilbert PS **Tree Data Schedule**

Tree #		DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Check
1	*Eucalyptus paniculata* (Grey Ironbark)	14cm	12 x 4m	Good	Good	*Pittosporum undulatum* Sweet Pittosporum	
2	*Eucalyptus paniculata* (Grey Ironbark)	18cm	13 x 5m	Fair	Good	Near entrance	
3	*Eucalyptus haemastoma* (Scribbly Gum)	20cm	6 x5m	Good	Good		
4	*Eucalyptus paniculata* (Grey Ironbark)	12cm	9 x 3m	Good	Fair		
5	*Eucalyptus haemastoma* (Scribbly Gum)	30cm 38cm	13x2 2m	Fair-Poor	Fair		
6	*Eucalyptus haemastoma* (Scribbly Gum)	12cm	7 x 5m	Fair	Good		
7	*2 x Eucalyptus paniculata* (Grey Ironbark)	25cm	5 x 4m 5 x 3m	Fair	Good	Near gate	
8	*Eucalyptus paniculata* (Grey Ironbark)	25cm	10m	Fair	Fair	Co-dom from 2m. Near driveway	
9	*Corymbia (Euc) gummifera* (Red Bloodwood)	35cm	12m	Good	Good	D/w to 5cm∅	
10	*Eucalyptus paniculata* (Grey Ironbark)	25cm	12m	Good	Good	Vine over. Car parking area	

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable) Target**: High / Medium** (Low/Very Low) Consequences **of Failure: Severe/ Significant** (Minor/ Negligible)

Appendix F

Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
11	*Eucalyptus paniculata* (Grey Ironbark)	40cm	15m	Good	Good	Co-dom from 1.5m	
12	*Eucalyptus resinifera* (Red Mahogany)	40c+25+ 30cm	13m	Good	Good-Fair	Co-dom x 3. Good understorey.	
13	*Eucalyptus punctata* (Grey Gum)	55cm	20m	Good	Fair-Poor	Failure evident. Co-dom. Large D/w. Consider removal.	
14	*Eucalyptus punctata* (Grey Gum)	50+50cm	20m	Good	Fair	Co-dom from base. Sewer nearby	
15	*Eucalyptus punctata* (Grey Gum)	40cm	16m	Good	Good	Understorey Melaleucas.	
16	*Callistemon salignus* Willow Bottlebrush	15cm	8m	Good	Good		
17	*Cupressus sp* (Cypress Pine)	50@0.5m	15m	Good	Good	Suckers x 3. Vines over.	
18	*Eucalyptus resinifera* (Red Mahogany)	20cm	10m	Good	Good	Semi- mature	
19	3 x *Eucalyptus resinifera* (Red Mahogany)	Various	8m	Good	Good	Semi- mature	
20	*Eucalyptus resinifera* (Red Mahogany)	40cm	12m	Fair	Good-Fair	Co-dom x 3, Below-ground.	
20a	*Eucalyptus resinifera* (Red Mahogany)	20+30cm	12m	Fair	Fair	Regenerated.	

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable) Target**: High / Medium** (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Appendix F

Samuel Gilbert PS Tree Data Schedule

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
21	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	12m	Good	Good	Minor d/w	-
22	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	12m	Good	Good	1x trunk beside has previously been removed	-
23	*Corymbia (Euc) gummifera* (Red Bloodwood)	5 trunks 25-35cm	16m	Fair	Good	Borer activity	
24	*Eucalyptus acmenoides* (White Mahogany)	40cm	17m	Fair	Good	Minor d/w	
25	*Corymbia (Euc) gummifera* (Red Bloodwood)	4 trunks 5-25cm	15m	Fair	Fair	Epicormics along trunk	
~~26~~	*Corymbia (Euc) gummifera* (Red Bloodwood)	4 trunks 10-20cm	12m	Fair	Fair	Epicormics	
27	*Corymbia (Euc) gummifera* (Red Bloodwood)	3 trunks 20-35 cm	17m	Good	Good	D/w + Epicormics Co-dom from base	D/w required over carpark
28	*Eucalyptus resinifera* (White Mahogany)	30cm	17m	Fair	Fair	Epicormics along trunk + branches Large amounts of mulch around base. Built up - Remove	
~~29~~	No tree	-	-	-	-	-	-
30	*Corymbia (Euc) gummifera* (Red Bloodwood)	35cm	17m	Good	Good	Feeding scars sugar gliders D/w to 10cm diameter	

Health/Structure: **G**ood **F**air **P**oor **Crown Class:** **D**ominan**t. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS Tree Data Schedule

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
31	*Eucalyptus resinifera* (Red Bloodwood)	30cm	17m	Fair	Fair		
32	Eucalyptus haemastoma Scribbly Gum	55cm	18m	Good	Good		
33	*Corymbia (Euc) gummifera* (Red Bloodwood)	25cm	14m	Good	Good		
34	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	10m	Good	Good		
35	*Eucalyptus resinifera (Red Mahogany)*	40cm	17m	Good	Good	Minor d/w	
36	*Corymbia (Euc) gummifera* (Red Bloodwood)	2 x 25+30cm	15m	Good	Good	Heavily suppressed by T37	
37	*Eucalyptus resinifera (Red Mahogany)*	50cm	18m	Good	Good	Co'dom from 3m in height. Small d/w	
38	No tree	-	-	-	-	-	
39	No tree	-	-	-	-	-	
40	*Angophora costata (Sydney Red Gum)*	55cm	17m	Good	Fair-Poor	Extensive decay. Epicormic growth. Needs further inspection.	

Health/Structure: **G**ood **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS Tree Data Schedule

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
41	*Angophora costata* *(Sydney Red Gum)*	20cm	10m	Good	Good	Suppressed. D/w	
42	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	13m	Good	Good	Intermediate. D/w	
43	*Eucalyptus haemastoma* Scribbly Gum	20cm	12m	Fair	Fair	Needs formative pruning, crossing/rubbish branches co-dom from 6m.	
44	*Eucalyptus haemastoma* Scribbly Gum	60cm	17m	Good	Fair	Unbalanced canopy. D/w to 8cm	
45	*Acacia decurrens* (Sydney green wattle, Boo'kerrikin (D'harawal))	Multi	6m	Good	Good		
46	*Eucalyptus resinifera* *(Red Mahogany)*	25cm	16m	Fair	Fair	Consider removal declining rapidly. D/w Epis.	
47	*Eucalyptus haemastoma* Scribbly Gum	40cm	16m	Good	Good/Fair	D/w large open decay on E and W. Monitor further assessment	
~~**48**~~	No tree	-	-	-	-	-	
49	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	14m	Fair	Fair	Hangs over BB court Suppressed, growing to N.	
50	*Eucalyptus resinifera* *(Red Mahogany)*	40cm	16m	Fair	Good	Epis, lots of small D/w	

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS Tree Data Schedule

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
51	*Corymbia (Euc) gummifera* (Red Bloodwood)	20+20cm	14m	Good	Good		
52	*Eucalyptus resinifera* (Red Mahogany)	30cm	14m	Fair	Good	D/w	
53	*Eucalyptus punctata* Grey Gum	25cm	11m	Good	Fair	Soil built up around root zone. Lean to east. Suppressed.	
54	*Angophora costata* (Sydney Red Gum)	40cm	14m	Good	Good		
~~55~~	No tree	-	-	-	-	-	-
56	*Eucalyptus resinifera* (Red Mahogany)	30cm	14m	Good	Good	Exposed roof crown from kids Root damage - D/w needed;	
57	*Angophora costata (Sydney Red Gum)*	4 (8-15cm)	9m	Good	Good	Multi trunks	
58	*Eucalyptus haemastoma* (Scribbly Gum)	35cm	16m	Good	Good	Minor D/w. Surround by sand (pit)	
59	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	13m	Good	Fair	Heavily suppressed and growing to N. D/w needed	
60	*Eucalyptus resinifera* (Red Mahogany)	30cm	12m	Good	Good	Previous large branch flush cut!	

Health/Structure: Good Fair Poor **Crown Class:** Dominant. Co-dominant, Intermediate, Suppressed **ULE** Long Medium Short Remove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS Tree Data Schedule

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
61	*Corymbia (Euc) gummifera* (Red Bloodwood)	35cm	16m	Good	Good	Very poor previous pruning. Ripped collar pruning.	
62	*Corymbia (Euc) gummifera* (Red Bloodwood)	50cm	16m	Good	Good	Heavy Kino production. Beside sandpit. D/w to 15 cm over sandpit (urgent)	
63	*Angophora costata* (Sydney Red Gum)	40 + 25 +28cm	16m	Good	Good	Co-dom from 0D.5m. D/w to 5cm	
64	*Corymbia (Euc) gummifera* (Red Bloodwood)	38cm	14m	Good	Good	Epicormics over most branches. Soil/mulch built up	
65	*Corymbia (Euc) gummifera* (Red Bloodwood)	25 + 40cm	14m	Good	Good	Co-dom from base.	
66	*Corymbia (Euc) gummifera* (Red Bloodwood)	40cm	13m	Fair	Good		
67	*Eucalyptus resinifera* (Red Mahogany)	30cm	14m	Good-Fair	Good		
68	*Eucalyptus resinifera* (Red Mahogany)	30cm	15m	Fair	Good		
69	*Eucalyptus resinifera* (Red Mahogany)	30cm	17m	Good	Good		
70	*Allocasuarina torulosa* (Forest Oak)	10cm	5m	Poor	Poor	Poor senescing	

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS Tree Data Schedule

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
71	*Eucalyptus haemastoma* *Scribbly Gum*	40cm	15m	Good	Good		
72	*Angophora costata* (Sydney Red Gum)	50+ 50cms	17m	Good	Good	Co'dom from base	
73	*Corymbia (Euc) gummifera* (Red Bloodwood)	25cm	12m	Good	Fair	Epis/suppressed by T72	
74	*Eucalyptus haemastoma* Scribbly Gum	65cm	15m	Good	Good	Vertical fissures down trunk.	
75	*Eucalyptus haemastoma* Scribbly Gum	25+25cm	16m	Good	Fair	Co-dom from 1.5 m Kissing trucks @ 8m. Leaning	
76	*Eucalyptus haemastoma* Scribbly Gum	55cm	16m	Good	Fair	Corner, Compacted, Branch removed a@4m.	
77	*Eucalyptus sp* Gum	35cm	14m	Good	Good	Intermediate tree.	
78	*Angophora costata* (Sydney Red Gum)	45cm	15m	Good	Good	Heavy Kino production from co-dom union @ 5m. Exposed roots. Kino.	
79	*Corymbia (Euc) gummifera* (Red Bloodwood)	N/a	N/a	Dead	Dead	Remove	
80	*Eucalyptus haemastoma* Scribbly Gum	30cm	14m	Fair	Good		

Health/Structure: Good **F**air **P**oor **Crown Class:** Dominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
81	*Angophora costata* *(Sydney Red Gum)*	25cm	9m	Good	Good		
82	No tree	-	-	-	-		
83	*Corymbia (Euc) gummifera* *(Red Bloodwood)*	15cm	7m	Good	Good		
84	*Corymbia (Euc) gummifera* *(Red Bloodwood)*	38cm	14m	Good	Good		-
85	*Allocasuarina torulosa* (Forest Oak)	10cm	5m	Good	Good		
86	*Angophora costata* (Sydney Red Gum)	35cm	17m	Good	Good	Play area	
87	*Eucalyptus microcorys* (Tallowwood)	25cm	9m	Good	Good		
88	*Eucalyptus microcorys* (Tallowwood)	25cm	9m	Good	Fair	Compacted ground Heavy fruit production. Monitor	
89	*Angophora costata* (Sydney Red Gum)	35cm	14m	Good	Good	Minor D/w over path	
90	*Corymbia (Euc) gummifera* (Red Bloodwood)	2x 20cm	9m	Good	Good	Supressed	

Health/Structure: **G**ood **F**air poor **Crown Class:** **D**ominan**t. C**o-dominant**, I**ntermediate**, S**uppressed **ULE L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
91	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm 25cm	8m	Good	Fair	Near step. Supressed.	
92	*Eucalyptus haemastoma* Scribbly Gum	50cm	17m	Good	Good		
93	*Angophora costata* (Sydney Red Gum)	45cm	17m	Good	Fair		
94	*Allocasuarina torulosa* (Forest Oak)	20cm	8m	Good	Good		
95	*Allocasuarina torulosa* (Forest Oak)	20cm	8m	Good	Good		
96	*Corymbia (Euc) gummifera* Red Bloodwood	20cm	7m	Good	Good		
97	*Casuarina cunninghamiana* (River She-oak)	30cm	11m	Good	Good		
98	*Koelreuteria paniculata* (Golden Rain Tree/Pride of India)	30cm	9m	Good	Fair	Deciduous	
99	*Koelreuteria paniculata* (Golden Rain Tree/Pride of India)	25cm	9m	Good	Fair	Deciduous	
100	*Koelreuteria paniculata* (Golden Rain Tree/Pride of India)	25cm	6m	Good	Good		

Health/Structure: **G**ood **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS Tree Data Schedule

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
101	*Koelreuteria paniculata* (Golden Rain Tree/Pride of India)	25cm	6m	Fair	Fair		
102	*Koelreuteria paniculata* (Golden Rain Tree/Pride of India)	20cm	5m	Fair	Fair		
~~103~~	No tree	-	-	-	-		
104	*Koelreuteria paniculata* (Golden Rain Tree/Pride of India)	25cm	6m	Fair	Fair		
105	*Liriodendron tulipiferum* (Tulip Tree)	20cm	4m	Fair	Fair		
106	*Eucalyptus haemastoma* Scribbly Gum	18cm	6m	Fair	Fair		
107	*Eucalyptus haemastoma* (Scribbly Gum)	40cm	14m	Fair	Fair		
108	*Corymbia (Eucalyptus) citriodora* Lemon-scented Gum	40cm	16m	Good	Good		
109	*3 x Eucalyptus species* (Gum)	40cm	15m	Fair	Good		
109b	*Acacia sp* (Wattle)	Multi	7m	Fair	Fair		
110	*Corymbia (Euc) maculata* Spotted Gum	35cm	14m	Fair	Good		

Health/Structure: Good **F**air **P**oor **Crown Class:** Dominant**.** **C**o-dominant**,** **I**ntermediate**,** **S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk:** **Failure:** **Imminent** / **Probable** (Possible Improbable)
Target: **High / Medium** (Low/Very Low) **Consequences of Failure:** **Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS Tree Data Schedule

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
111	*Syzygium paniculatum* (Brush Cherry)	20cm	8m	Good	Good		
112	*Eucalyptus haemastoma* Scribbly Gum	55cm	10m	Good	Good	Pushing up concrete paths. Make note that no root disturbance when paths are redone. Consider rubbery pathway	
113	*Eucalyptus haemastoma* Scribbly Gum	40cm	15m	Good	Good		
114	*Eucalyptus haemastoma* Scribbly Gum	2 x 12-25cm	7m	Good	Good		
115	*Eucalyptus sp (Gum)*	2 x 25-30cm	8m	Good	Good		
116	*Acacia sp* (Wattle)	4 x20cm	7m	Good	Poor	Needs to be removed – about to fall – included stems!	
117	*Eucalyptus resinifera (Red Mahogany)*	25cm	9m	Good	Fair	D/w	
118	*Casuarina cunninghamiana* (River She-oak)	30cm	13m	Good	Good		
119	Me *Melaleuca sp.* (Paperbark)	20cm	7m	Good	Good		
120	*Eucalyptus microcorys* (Tallowwood)	35 + 35 cm	14m	Good	Good-Fair	Co-dom from 0.5m - monitor. D/w 10cm	

Health/Structure: Good **F**air **P**oor **Crown Class:** Dominant**.** **C**o-dominant**,** **I**ntermediate**,** **S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS Tree Data Schedule

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
121	*Eucalyptus resinifera* (Red Mahogany)	35cm	15m	Good	Good-Fair	Clay at base. Manage if retained.	
122	*Callitris rhomboidea* (Port Jackson Pine)	15cm	4m	Fair	Good	Galls.	
123	*Eucalyptus resinifera* (Red Mahogany)	25cm	9m	Fair-Good	Fair		
~~**124**~~	-	-	-	-	-	-	
125	*Eucalyptus resinifera* (Red Mahogany)	35cm	15m	Good	Good-Fair	Dead central leader. Horizontal. Branching queries at height.	
126	*Angophora costata* (Sydney Red Gum)	25cm	8m	Good	Fair	Bark damage. Canopy over street.	
127	*Syncarpia glomulifera* Turpentine	30 + 25cm	15m	Good	Good	Fill at base	
128	*Eucalyptus punctata* (Grey Gum)	25 cm	8m	Good	Poor		
129	*Allocasuarina torulosa* (Forest Oak)	20cm	7m	Good	Good		
130	*Angophora costata* (Sydney Red Gum)	40 + 15 cm	15m	Good	Fair	[Some trunk damage and Kino. Lopping. Reassess if retained.	

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
131	*Eucalyptus resinifera* (Red Mahogany)	40 + 40cm	18m	Good	Good-Fair	Co-dom from 1m. Low angle of attachment. Minor bulging.	
132	*Angophora costata* (Sydney Red Gum)	18 +10 cm	6m	Good	Good	Near fence. Co-dom base	
133	*Eucalyptus punctata* (Grey Gum)	50 + 45 + 40cm	>22m	Good	Fair-Poor	Multi and suckering. Monitor if retained.	
~~**134**~~	-		-	-	-	-	
~~**135**~~	-		-	-	-	-	
~~**136**~~	-	-	-	-	-	-	
137	*Angophora costata* (Sydney Red Gum)	55cm	>20m	Good	Good-Fair	Co-dom from 6m.	
138	*Allocasuarina torulosa* (Forest Oak)	18cm	5m	Fair	Fair		
139	2 x *Eucalyptus resinifera* (Red Mahogany)	20+25cm	14m	Good	Fair	Epicormic high. Supressed and shared canopy.	
140	*Angophora costata* (Sydney Red Gum)	35cm	22m	Good	Fair	Shared canopy with 145.	

Health/Structure: Good Fair **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
141	2 x *Allocasuarina torulosa* (Forest Oak)	15cm + 20cm	12m	Good	Good	Supressed	
142	*Angophora costata* (Sydney Red Gum)	35cm + 40cm	20m	Good	Fair	Co-dom for 2m. Trunk bulging.	
143	*Angophora costata* (Sydney Red Gum)	35cm	22m	Good	Fair	Canopy shared and conflicting.	
144	*Angophora costata* (Sydney Red Gum)	20cm + 20cm	12m	Good	Good	Shared canopy. Slightly supressed.	
~~**145**~~	-	-	-	-	-	-	
~~**146**~~	-	-	-	-	-	-	
~~**147**~~	-	-	-	-	-	-	
~~**148**~~	*Syncarpia glomulifera* Turpentine	30cm	14 x 12m	Fair	Good		
~~**149**~~	*Angophora costata* (Sydney Red Gum)	35cm	14 x 14m	Fair	Good		
150	*Angophora costata* (Sydney Red Gum)	40cm	20m	Good	Good	Minor D/w	
150a	*Corymbia (Euc) gummifera* (Red Bloodwood)	40cm	20m	Good	Good		
150b	*Syncarpia glomulifera* Turpentine	20+20 +25 cm	18m	Good	Good	Co'dom from ½ m	
150c	*Eucalyptus haemastoma* Scribbly Gum	45c + 55cm	18m	Good	Good	Near fence, Co-dom from 0.5m	

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominan**t. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
151	*Eucalyptus punctata* Grey Gum	3 x 35cm	8m	Good	Good	Central leader lost	
152	*Eucalyptus paniculata* (Gum tree)	10cm	8m	Good	Good	Slightly supresses	
153	*Eucalyptus resinifera* (Red Mahogany)	30cm	13m	Good	Good	Adjacent to fence	
154	*Eucalyptus haemastoma* Scribbly Gum	20 + 25cm	6m	Good	Good	Near fence	
155	*Eucalyptus haemastoma* Scribbly Gum	60 + 45cm	20m	Good	Good	Co-dom. from base or two trees adjacent. D/w 5cm. Fill over roots	
156	*Angophora costata* (Sydney Red Gum)		20m	Good	Good	Minor D/w	
157	*Syncarpia glomulifera (*Turpentine)	3 (25 – 30cm)	14m	Good	Good	Raised soil at base, shared and competing canopy	
158	*Acacia sp.* (Wattle)	17cm	6m	Poor	Poor	Limited future Near corner demountable	
~~**159**~~	-	-	-	-	-	-	
160	*Corymbia (Euc) gummifera* (Red Bloodwood)	16cm		Good	Good	Semi-mature (near gate) Termite mound at base	

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
161	*Acacia sp* (Wattle)	Multi	6m	Good	Fair		
162	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm + 25cm + 20cm + 15cm	9 x 8m	Good	Fair	Co-dom from base x 4 Corner of site	
163	*Acacia sp* (Wattle)	50cm	6 x 8m	Fair	Fair	Leaning over public path/small leaf	
164	*Angophora costata* (Sydney Red Gum)	29 + 17cm	9 x 7m	Fair	Good	*Eucalyptus punctata (*Grey Gum) nearby Co-dom from 1m. Canopy towards the road	
165	*Angophora costata* (Sydney Red Gum)	25cm + 36cm	13 x 6m	Good	Good	Co-dom from base x 2 Damaged leader at height. Remove deadwood. Monitor.	
166	*Angophora costata* (Sydney Red Gum)	18cm	5 x 2m	Fair	Fair	Splits in trunk Edge tree	
167	*Angophora costata* (Sydney Red Gum)	Multi	16m	Good	Fair		
168	*Angophora costata* (Sydney Red Gum)	Multi	16m	Good	Fair	Co-dom from base x 4 Reason unclear	
169	*Acacia sp* (Wattle)	10cm + 12cm	6m	Fair	Poor	Suppressed Co-dom from base x 2 10% foliage cover	
170	*Angophora costata* (Sydney Red Gum)	37cm	6 x 3m	Good	Good	Leaning away from adjacent tree	

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
171	*Angophora costata* (Sydney Red Gum)	Multi	16m	Good	Fair		
~~**172**~~	No tree	-	-	-	-		
~~**173**~~	No tree	-	-	-	-		
174	*Eucalyptus resinifera* (Red Mahogany)	55cm + 45cm	18m	Good	Fair	Co'dom from base	
175	*Eucalyptus haemastoma (*Scribbly Gum)	45cm + 45cm	25m	Good	Fair	Co'dom from 1m	
~~**176**~~	No tree	-	-	-	-	Juveniles tree nearby	
177	*Angophora costata* (Sydney Red Gum)	25cm	16m	Good	Fair		
178	*Eucalyptus resinifera* (Red Mahogany)	30cm	18m	Fair	Good	Small adjacent tree nearby (same species)	
179	*Angophora costata* (Sydney Red Gum)	25cm	12m	Good	Fair	Suppressed	
180	*Corymbia (Euc) gummifera (Red Bloodwood)*	25cm	18m	Good	Good		

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Appendix F

Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
181	*Eucalyptus resinifera* (Red Mahogany)	25cm	20m	Good	Fair	Partially suppressed	
182	*Eucalyptus resinifera* (Red Mahogany)	35cm	20m	Good	Good		
183	*Angophora costata* (Sydney Red Gum)	40+45cm	20m	Good	Good	Co-dom from base	
184	*Eucalyptus resinifera* (Red Mahogany)	35cm	20m	Good	Fair		
~~**185**~~	No tree	-	-	-	-		
~~**186**~~	No tree	-	-	-	-		
187	*Corymbia (Euc) gummifera (Red Bloodwood)*	40cm	18m	Good	Fair		
188	*Corymbia (Euc) gummifera (Red Bloodwood)*	38cm	18m	Good	Fair		
~~**189**~~	No tree	-	-	-	-		
~~**190**~~	No tree	-	-	-	-		

Health/Structure: **G**ood **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Tree #	Species	DBH/ Ø arb	Height x Spread	Heath	Structure	Comments / Risk	Works required
~~**191**~~	-	-	-	-	-	-	
192	*Corymbia (Euc) gummifera* *(Red Bloodwood)*	30cm	18m	Fair	Fair	Intermediate tree	
193	*Acacia implexa* Hickory Wattle/ Weetjellan (D'harawal)	50cm	16m	Good	Good		
194	*Acacia implexa* Hickory Wattle/ Weetjellan (D'harawal)	10cm	6m	Good	Good	Similar trees under storey nearby	
~~**195**~~	-	-	-	-	-	-	
196	*Angophora costata* (Sydney Red Gum)	40cm	18m	Good	Good	Intermediate adjacent trees	
197	*Corymbia (Euc) gummifera* *(Red Bloodwood)*	35cm	18m	Good	Good	Intermediate tree. Sydney Red Gum's adjacent.	
198	*Angophora costata* (Sydney Red Gum)	30cm	18m	Good	Good	Vine over	
~~**199**~~	-	-	-	-	-	-	
200	*Eucalyptus resinifera* (Red Mahogany)	30cm	18m	Fair	Fair		

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Appendix F

Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Heath	Structure	Comments / Risk	Works required
201	*Angophora costata* (Sydney Red Gum)	40cm	10 -16m	Good	Good	201-206 Group of Angophora, Acacia sp and Forest Oaks 10 – 40cm	
202	*Acacia sp* (Wattle)	10– 20cm	6-10m	Good - Fair	Good - Fair	0201-206 Group of Angophora, Acacia sp and Forest Oaks 10 – 40cm	
203	*Allocasuarina torulosa* (Forest Oak)	10– 20cm	6-10m	Good - Fair	Good - Fair	201-206 Group of Angophora, Acacia sp and Forest Oaks 10 – 40cm	
204	*Acacia sp* (Wattle)	10– 20cm	6-10m	Good	Good	201-206 Group of Angophora, Acacia sp and Forest Oaks 10 – 40cm	
205	*Allocasuarina torulosa* (Forest Oak)	10– 20cm	6-10m	Good	Good	201-206 Group of Angophora, Acacia sp and Forest Oaks 10 – 40cm	
206	*Allocasuarina torulosa* (Forest Oak)	10– 20cm	6-10m	Good	Good	201-206 Group of Angophora, Acacia sp and Forest Oaks 10 – 40cm	
207	*Angophora costata* (Sydney Red Gum)	40cm	9m	Good - Fair	Good - Fair		
208	*3 x Eucalyptus paniculata* (Grey Ironbark)	25 +28 +10cm	16m	Good	Good	Lomandra under	
209	*Angophora costata* (Sydney Red Gum)	60cm	16m	Good	Good		
210	*Corymbia (Euc) gummifera* (Red Bloodwood)	10 – 25cm	14m	Good	Good	210 – 214 comprise a Group of trees. Lomandra under	

Health/Structure: **G**ood **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Appendix F

Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Heath	Structure	Comments / Risk	Works required
211	*Corymbia (Euc) gummifera* (Red Bloodwood)	10 – 25cm	14m	Good	Good	210 – 214 comprise a Group of trees	
212	*Corymbia (Euc) gummifera* (Red Bloodwood)	10 – 25cm	14m	Good	Good	210 – 214 comprise a Group of trees	
213	*Corymbia (Euc) gummifera* (Red Bloodwood)	10 – 25cm	14m	Good	Good	210 – 214 comprise a Group of trees	
214	*Corymbia (Euc) gummifera* (Red Bloodwood)	10 – 25cm	14m	Good	Good	210 – 214 comprise a Group of trees	
215	*Allocasuarina torulosa* (Forest Oak)	20cm	7m	Good	Good		
216	*Corymbia (Euc) gummifera* (Red Bloodwood)	25 +30cm	13m	Good	Good	Shared canopy	
217	*Angophora costata* (Sydney Red Gum)	40cm	16m	Good	Good	Intermediate tree	
218	*Eucalyptus resinifera* (Red Mahogany)	35cm	16m	Fair	Fair		
219	*2 x Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	10m	Good	Good		

Health/Structure: **G**ood **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Heath	Structure	Comments / Risk	Works required
~~**220**~~	No tree	-	-	-	-	-	
~~**221**~~	No tree	-	-	-	-	-	
~~**222**~~	No tree	-	-	-	-	-	
~~**223**~~	No tree	-	-	-	-	-	
~~**224**~~	No tree	-	-	-	-	-	
225	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	14m	Good	Good	Dead and senescing She Oaks & wattles nearby	
226	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	15m	Good	Fair	D/w10cm	
227	*Eucalyptus resinifera* (Red Mahogany)	30cm	16m	Fair	Good		
228	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	10m	Good	Good		
229	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	10m	Dead	Dead	Dead	

Health/Structure: **G**ood **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Appendix F

Samuel Gilbert PS Tree Data Schedule

Tree #	Species	DBH/ Ø arb	Height x Spread	Heath	Structure	Comments / Risk	Works required
230	*Corymbia (Euc) gummifera* (Red Bloodwood)	25cm	9m	Fair	Fair	Minor D/w	
231	*Corymbia (Euc) gummifera* (Red Bloodwood)	25cm	9m	Good	Good	Understorey of She Oaks, Hakeas, Persooonia.	
232	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	10m	Good	Good	Understorey of She Oaks, Hakeas, Persooonia	
233	*Pittosporum undulatum* Native Daphne	12cm	4m	Good	Good		
234	Various Semi-Mature trees	10 - 25cm	6-10m	Fair	Fair	234-237 Mix of semi mature trees 10 – 25cm diameters, Angophora and Eucalyptus sp. In Fair health and condition.	
235	Various Semi-Mature trees	10 - 25cm	6-10m	Fair	Fair		
236	Various Semi-Mature trees	10 - 25cm	6-10m	Fair	Fair		
237	Various Semi-Mature trees	10 - 25cm	6-10m	Fair	Fair		
238	Eucalyptus paniculata (Grey Ironbark)	40cm	6m	Good	Good		
239	Eucalyptus paniculata (Grey Ironbark)	25cm + 26cm 5cm	18m	Good	Good	Co-dom x 3	
240	Eucalyptus paniculata (Grey Ironbark)	40cm	16m	Good	Good		

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Tree #	Species	DBH/ Ø arb	Height x Spread	Heath	Structure	Comments / Risk	Works required
241	*Eucalyptus acmenoides* White mahogany	45cm	10m	Good	Good		
242	*Eucalyptus resinifera* (Red Mahogany)	45cm	12m	Good	Good		
~~**243**~~	No tree	-	-	-	-		
244	*Eucalyptus microcorys* (Tallowwood)	25cm	8m	Good	Good-Fair	Top damaged	
245	*Grevillea* Grevillea Hybrid	20cm	5m	Good	Fair		
246	*Eucalyptus paniculata* (Grey Ironbark)	60cm	10m	Good	Good-Fair	Co-dom from base, D/w 5cm	
247	*Eucalyptus paniculata* (Grey Ironbark)	25cm	10m	Good	Good		
248	*Eucalyptus paniculata* (Grey Ironbark)	30cm	16m	Good	Good	D/w 8cm	
249	*Eucalyptus paniculata* (Grey Ironbark)	50 +40cm	16m	Good	Fair-Poor	Co-dom from base, frass. Near post	
250	*Callistemon citrinus* Crimson Bottlebrush	7cm	10m	Good	Good	Near building. Multi from base. M-OM	

Health/Structure: Good Fair **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk:** **Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
251	*Melaleuca sp.* Paperbark	7cm	8m	Good	Good	Near building.	
252	*Grevillea* Grevillea Hybrid/CV	10<cm	6m	Fair	Fair-Poor	Limited future	
253	*Melaleuca bracteata* Black Tea-tree	<10cm	6m	Fair	Fair		
254	*Macadamia integrifolia* Macadamia	20cm	5m	Good	Good	Near building, Co'dom from 1m	
255	*Eucalyptus racemosa* Narrow-leaved Scribbly Gum / Snappy Gum	40cm	13m	Good	Good	Near flag pole	
~~**256**~~	No tree	-	-	-	-	-	
257	*Corymbia (Euc) gummifera?* (Red Bloodwood)	3 x 20cm	7m	Fair	Fair	Co'dom. High% D/w. *Callitris* sp nearby.	
258	*Eucalyptus resinifera* (Red Mahogany)	20cm	7m	Good	Good	Other Semi- Mature *Eucalyptus resinifera, and Allocasuarina* sp close to parking area	
259	Dead	-	-	-	-	-	
260	*Eucalyptus resinifera* (Red Mahogany)	25cm	9m	Good	Good		

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
261	*5 x Eucalyptus resinifera* (Red Mahogany)	11cm-12cm	10m 30m	Good Good	Good Fair	And one *Allocasuarina* sp.	
262	*Eucalyptus resinifera* (Red Mahogany)	55cm	13+10m	Good-Fair	Good	Dominant tree. Termite mound nearby. D/w 10cm. Dodder and Olives nearby.	
263	*Eucalyptus resinifera* (Red Mahogany)	22cm	10m	Good	Good	Co-dom from 4m	
264	*Eucalyptus resinifera* (Red Mahogany)	25cm	10m	Good	Good	Two Semi- mature intermediate trees nearby	
265	*Eucalyptus resinifera* (Red Mahogany)	40cm	10m	Fair-Poor	Fair		
266	*Eucalyptus resinifera* (Red Mahogany)	30cm	10m	Good	Good	Co-dom. from 1m. Mounding nearby	
267	*13 x Eucalyptus resinifera* (Red Mahogany)	10-12cm	9m	Good - Fair	Good - Fair	Manage 266 – 268 as a group	
268	Fallen tree	-	-	-	-	*Eucalyptus resinifera*	
269	*Corymbia (Euc) gummifera* (Red Bloodwood)	10-20cm	10m			Group of small *Corymbia gummifera* nearby	
270	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	12m	Good	Good		

Health/Structure: **G**ood **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
271	*Corymbia (Euc) gummifera* *(Red Bloodwood)*	30cm	12m	Good	Good		
272	*Corymbia (Euc) gummifera* *(Red Bloodwood)*	25cm	14m	Good	Good		
273	*Corymbia (Euc) gummifera* *(Red Bloodwood)*	20cm	11m	Good	Good		
274	*Corymbia (Euc) gummifera* *(Red Bloodwood)*	30cm	13m	Good	Good		
275	*Corymbia (Euc) gummifera* *(Red Bloodwood)*	15cm	11m	Good	Good		
276	*Eucalyptus resinifera* (Red Mahogany)	15cm	9m	Good	Good		
277	*Corymbia (Euc) gummifera* *(Red Bloodwood)*	25cm	13m	Good	Fair	Wound on West side of trunk from 0-1m height	
278	*Eucalyptus haemastoma* (Scribbly Gum)	40cm	15m	Good	Fair	Multiple open [?] trunk	
279	*Eucalyptus haemastoma* (Scribbly Gum) *Angophora costata* (Sydney Red Gum)					Also 20 Small trees	
280	*Corymbia (Euc) gummifera* *(Red Bloodwood)*	20cm	12m	Good	Good	Epis	

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
281	*Acacia sp.* (Wattle)	20cm	7m	Fair	Fair	Senescing	
282	*Corymbia (Euc) gummifera (Red Bloodwood)*	20-30cm	14m	Good	Good		
283	*Corymbia (Euc) gummifera* (Red Bloodwood)	40cm	18m	Good	Good	Feeding scars…sugar gliders	
284	*Corymbia (Euc) gummifera (Red Bloodwood)*	15cm	11m	Good	Good		
285	*Eucalyptus haemastoma* (Scribbly Gum)	40cm	16m	Good	Good		
286	*Angophora costata* (Sydney Red Gum)	55cm	16m	Good	Good	Very recently pruned	
287	*Corymbia (Euc) gummifera (Red Bloodwood)*	20cm	12m	Good	Good		
288	*Corymbia (Euc) gummifera (Red Bloodwood)*	20cm	9m	Good	Fair		
289	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	11m	Good	Good		
290	*Corymbia (Euc) gummifera (Red Bloodwood)*	30cm	13m	Good	Good		

Health/Structure: Good Fair Poor **Crown Class:** Dominant. Co-dominant, Intermediate, Suppressed **ULE** Long Medium Short Remove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
291	*Eucalyptus resinifera* (Red Mahogany)	20cm	9m	Good	Good		
292	*Eucalyptus haemastoma* (Scribbly Gum)	45cm	17m	Good	Good		
293	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	12m	Good	Good		
294	*Corymbia (Euc) gummifera (Red Bloodwood)*	55cm	16m	Fair	Fair	Multiple hollows found	
295	*Eucalyptus haemastoma* (Scribbly Gum)	35cm	13m	Good	Fair	Large wound on south side of trunk	
296	*Angophora costata* (Sydney Red Gum)	35cm	13m	Good	Good		
297	*Corymbia (Euc) gummifera* (Red Bloodwood)	25cm	15m	Good	Good		
298	*Angophora costata* (Sydney Red Gum)	50cm	16m	Good	Good	-	
299	*Eucalyptus resinifera* (Red Mahogany)	20cm	8m	Fair	Fair	Epicormics all over Dead wood	Remove
300	*Eucalyptus haemastoma* (Scribbly Gum)	40cm	15m	Good	Good	Co-dom from 5m. Behind container	

Health/Structure: Good **F**air **P**oor **Crown Class:** Dominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** Long Medium Short Remove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Appendix F

Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
301	*Angophora costata* (Sydney Red Gum)	20cm	12m	Good	Good		
302	*Eucalyptus haemastoma* (Scribbly Gum)	35cm	16m	Good	Good	2 x D/w 10 cm diameter to south	
303	*Eucalyptus resinifera* (Red Mahogany)	2 x 25cm	14m	Good	Good		
304	Dead	-	-	-	-	Dead leaning tree – Remove ASAP	
305	*Angophora costata* (Sydney Red Gum)	35cm	14m	Good	Good		
306	*Eucalyptus haemastoma* (Scribbly Gum)	35cm	13m	Good	Good		
307	*Eucalyptus haemastoma* (Scribbly Gum)	40cm	15m	Good	Good		
308	*Eucalyptus haemastoma* (Scribbly Gum)	30cm	14m	Good	Fair	Large open would to S @ 0-2m	
309	*Corymbia (Euc) gummifera (Red Bloodwood)*	Multiple 10-30cm	12-16m	Fair/Good	Fair/Good		
310	*Corymbia (Euc) gummifera (Red Bloodwood)* as above	20+25cm	12m	Good	Good	-	

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk:** **Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Appendix F

Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
311	*Corymbia (Euc) gummifera (Red Bloodwood)*	25cm	12m	Good	Good		
312	*Corymbia (Euc) gummifera (Red Bloodwood)*	25cm	12m	Good	Good		
313	*Eucalyptus resinifera* (Red Mahogany)	25cm	14m	Good	Good		
314	*Eucalyptus resinifera* (Red Mahogany)	30+10 cm	14m	Good	Good		
315	*Corymbia (Euc) gummifera* (Red Bloodwood)	15cm	9m	Good	Good		
316	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	12m	Good	Good		
317	*Eucalyptus resinifera* (Red Mahogany)	2 x 25cm	14m	Fair	Fair		
318	*Eucalyptus haemastoma* (Scribbly Gum)	40cm	15m	Good	Good		
319	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	12m	Good	Good		
320	*Eucalyptus haemastoma* (Scribbly Gum)	35cm	14m	Good	Good	D/w to 10 cm diameter	

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk:** **Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

321	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	9m	Good	Good		
322	*Corymbia (Euc) gummifera* (Red Bloodwood)	10+20+ 25cm	14m	Good	Good		
323	*Eucalyptus resinifera* (Red Mahogany)	20+30cm	13m	Fair	Fair		
324	*Angophora costata* (Sydney Red Gum)	50cm	16m	Good	Good	Lean to N.	
325	Group of *Angophora costata* (Sydney Red Gum) / *Corymbia (Euc) gummifera* Red Bloodwood	10-20cm	9m	Good	Good		
326	*Eucalyptus resinifera* (Red Mahogany)	40cm	15m	Fair	Good	Lean to N. Compacted roots from fire trail	
327	*Eucalyptus resinifera* (Red Mahogany)	30cm	15m	Fair	Good		
328	*Corymbia (Euc) gummifera (Red Bloodwood)*	2 x 20cm	14m	Good	Good		
329	*Eucalyptus paniculata* Grey Ironbark	3 x20cm	12m	Fair	Poor	2 x dead stems	
330	*Corymbia (Euc) gummifera (Red Bloodwood)*	25cm	14m	Fair	Good		

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk:** **Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Appendix F

Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
331	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	10m	Fair	Fair		
332	*Eucalyptus resinifera* (Red Mahogany)	30cm	12m	Fair	Good		
333	*Corymbia (Euc) gummifera (Red Bloodwood)*	3 x 20-25cm	13m	Good	Good	Minor d/w	
334	*Corymbia (Euc) gummifera (Red Bloodwood)*	2x20cm	9m	Good-Fair	Good		
335	*Eucalyptus resinifera* (Red Mahogany)	30cm	15m	Good	Good	Minor d/w	
335a	*Eucalyptus punctata* (Grey Gum)	30cm	16m	Good	Fair	Large wound a 1-5m H.	
336	*Corymbia (Euc) gummifera (Red Bloodwood)*	30cm	16m	Good	Good	Fill in root zone	
337	*Eucalyptus resinifera* (Red Mahogany)	30cm	14m	Fair	Good	Fill in root zone	
338	*Angophora costata* (Sydney Red Gum)	20+25cm	12m	Good	Good		
339	*Corymbia (Euc) gummifera (Red Bloodwood)*	25cm	14m	Good	Good		
340	*Corymbia (Euc) gummifera (Red Bloodwood)*	25cm	15m	Good	Good		

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk:** **Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
341	*Corymbia (Euc) gummifera (Red Bloodwood)*	20cm	12m	Good	Good		
342	*Eucalyptus punctata* (Grey Gum)	20cm	9m	Good	Good		
343	*Eucalyptus resinifera* (Red Mahogany)	20+ 25cm	10m	Fair	Good	Co-dom from 0.5m. Compacted roots from cars	
344	*Eucalyptus haemastoma* (Scribbly Gum)	40cm	17m	Good	Good-Fair	Large wound on 5 trunks	
345	*Corymbia (Euc) gummifera (Red Bloodwood)*	20cm	15m	Good	Good	Fill around trunk	
346	*Corymbia (Euc) gummifera (Red Bloodwood)*	Multi 25cm	13m	Good	Good	Fill around trunk	
347	*Corymbia (Euc) gummifera (Red Bloodwood)*	25cm	14m	Fair	Fair	Fill around trunk	
348	*Corymbia (Euc) gummifera (Red Bloodwood)*	20cm	12m	Fair	Fair	Fill around trunk	
349	*Eucalyptus haemastoma* (Scribbly Gum)	35cm	14m	Good	Fair	High epicormic, wound wood/Kino	
350	*Eucalyptus haemastoma* (Scribbly Gum)	40cm	14m	Good	Good	Trunk discolouration	

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
351	*Corymbia (Euc) gummifera (Red Bloodwood)*	30cm	14m	Good	Good		
352	*Corymbia (Euc) gummifera (Red Bloodwood)*	20cm	13m	Good	Good		
353	*Corymbia (Euc) gummifera (Red Bloodwood)*	15cm	12m	Good	Good		
354	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	14m	Good	Good		
355	*Eucalyptus haemastoma* (Scribbly Gum)	40cm	14m	Good	Good	Fill around base	
356	*Corymbia (Euc) gummifera (Red Bloodwood)*	20cm	12m	Good	Good		
357	*Eucalyptus resinifera* (Red Mahogany)	35cm	16m	Fair	Good	Fill around base	
358	*Corymbia (Euc) gummifera* (Red Bloodwood)	4 x 10-20cm	12m	Good	Good		
359	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	12m	Good	Good		
360	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	9m	Good	Good		

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
361	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	11m	Good	Good	Fill around base	
362	*Eucalyptus resinifera* (Red Mahogany)	20+ 25cm	11m	Good	Good	Fill around base	
363	*Corymbia (Euc) gummifera* (Red Bloodwood)	20+25cm	9m	Good	Poor	Included from base	Remove
364	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	12m	Good	Good		
365	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	14m	Good	Good	-	
366	*Eucalyptus resinifera* (Red Mahogany)	20cm	9m	Good	Good		
367	*Eucalyptus resinifera* (Red Mahogany)	35cm	16m	Good	Good		
368	*Corymbia (Euc) gummifera* (Red Bloodwood)	10-30cm	8-12m	Good	Good		
369	*Corymbia (Euc) gummifera* (Red Bloodwood)	10-30cm	8-12m	Good	Good		
370	*Corymbia (Euc) gummifera* (Red Bloodwood)	10-30cm	8-12m	Good	Good		

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk:** **Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
371	*Corymbia (Euc) gummifera* (Red Bloodwood)	10-30cm	8-12m	Good	Good		
372	*Corymbia (Euc) gummifera* (Red Bloodwood)	10-30cm	8-12m	Good	Good		
373	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	12m	Good	Good		
374	*Corymbia (Euc) gummifera* (Red Bloodwood)	25cm	12m	Good	Good	-	
375	*Corymbia (Euc) gummifera* (Red Bloodwood)	25cm	12m	Good	Good		
376	*Corymbia (Euc) gummifera* (Red Bloodwood)	35 + 20cm	15m	Good	Good		
377	*Eucalyptus resinifera* (Red Mahogany)	35cm	9m	Good	Poor	Top has died - back end been pruned out	
378	*Corymbia (Euc) gummifera* (Red Bloodwood)	30 cm	13m	Good	Good		
379	*Corymbia (Euc) gummifera* (Red Bloodwood)	15cm	9m	Good	Good		
380	*Corymbia (Euc) gummifera* (Red Bloodwood)	20 +25cm	11m	Good	Good		

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
381	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	12m	Good	Good		
382	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	12m	Good	Good	*Eucalyptus haemastoma* (Scribbly Gum)	
383	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	12m	Good	Good		
384	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	12m	Good	Good		
385	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	14m	Good	Good		
386	*Corymbia (Euc) gummifera* (Red Bloodwood)	15cm	12m	Good	Good		
387	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	14m	Good	Good		
388	*Corymbia (Euc) gummifera* (Red Bloodwood) + *Angophora costata* (Sydney Red Gum)	20 and 25cm	13m	Good	Good	One is co'dom – further inspection required	
389	*Corymbia (Euc) gummifera* (Red Bloodwood)	20-30cm	13m	Good	Good		
390	*Eucalyptus haemastoma* (Scribbly Gum)	40cm	15m	Good	Good		

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk:** **Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
391	Group *Corymbia (Euc) gummifera* Red Bloodwood & *Eucalyptus punctata* (Grey Gum)	20/25 cm	12m	Good	Good		
392	*Eucalyptus haemastoma* (Scribbly Gum)	40cm	15m	Good	Good	Has wound in trunk – S - machinery	
393	*Corymbia (Euc) gummifera* Red Bloodwood	20cm	12m	Good	Good		
394	*Eucalyptus haemastoma* (Scribbly Gum)	30 + 30cm	16m	Good	Fair	Co'dom from base. Kids vandalising tree	
395	*Eucalyptus punctata* (Grey Gum)	30cm	15m	Good	Good	D/w required	
396	*Eucalyptus punctata* (Grey Gum)	20cm	7m	Good	Fair	Tree is alive!	
397	*Angophora costata* (Sydney Red Gum)	25cm	12m	Good	Good	D/w to 50mm	
398	*Corymbia (Euc) gummifera* (Red Bloodwood)	20-30 cm	12m	Good	Good		
399	*Eucalyptus haemastoma* (Scribbly Gum)	40cm	17m	Good	Good		
400	*Eucalyptus haemastoma* (Scribbly Gum)	40cm	17m	Good	Good		

Health/Structure: Good Fair **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk:** **Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
401	*Angophora costata* (Sydney Red Gum)	20 +20cm	8m	Good	Good	Prune dead stub @0.5m height dangerous for kids	
402	2 *Corymbia (Euc) gummifera* Red Bloodwood	20 +20cm	9m	Good	Good		
403	*Eucalyptus haemastoma* (Scribbly Gum)	40cm	15m	Good	Good	Has nest box wired onto trunk	
404	*Corymbia (Euc) gummifera* Red Bloodwood	20cm	10m	Good	Good	-	
405	*Eucalyptus resinifera* (Red Mahogany)	25+ 25cm	10m	Fair	Fair	Co'dom trunks. Epicormics, D/w Good climbing tree	
406	*Eucalyptus haemastoma* (Scribbly Gum)	25cm	10m	Good	Fair	Supressed – growing to S, with lean	
407	*Eucalyptus punctata* (Grey Gum)	40cm	18m	Good	Fair	Co'dom with included bark from 4m. D/w needed. Hanger to be removed!	
408	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	9m	Good	Good	-	
409	*Eucalyptus haemastoma* (Scribbly Gum)	35cm	15m	Fair	Good	Share canopy	
410	*Eucalyptus punctata* (Grey Gum)	25cm	10m	Fair	Fair	Large deadwood	

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk:** **Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
411	*Eucalyptus punctata* (Grey Gum)	15cm	10m	Good	Fair		
412	*Eucalyptus resinifera* (Red Mahogany)	20cm	12m	Good	Good		
413	*Corymbia (Euc) gummifera* (Red Bloodwood)	15cm	10m	Good	Good	Remove first Northwest branch 25cm Ø at 1.5m	
414	*Eucalyptus punctata* (Grey Gum)	25cm	14m	Good	Good		
415	*Corymbia (Euc) gummifera* (Red Bloodwood)	25cm	14m	Fair	Good		
416	*Angophora costata* (Sydney Red Gum)	30cm	14m	Good	Good		
417	*Eucalyptus punctata* (Grey Gum)	25cm	12m	Good	Good		
418	*Eucalyptus punctata* (Grey Gum) + *Eucalyptus haemastoma* (Scribbly Gum)	25cm	13m	Good	Good	A wound on Scribbly at 1m	
419	*Eucalyptus haemastoma* (Scribbly Gum)	15cm +30cm	12m	Good	Good		
420	*Eucalyptus haemastoma* (Scribbly Gum)	2 x 25cm	12m	Good	Good		

Health/Structure: Good Fair Poor **Crown Class:** Dominant. Co-dominant, Intermediate, Suppressed **ULE** Long Medium Short Remove **Risk:** **Failure:** **Imminent** / **Probable** (Possible Improbable)
Target: **High / Medium** (Low/Very Low) **Consequences of Failure:** **Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
421	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	11m	Good	Good		
422	*Corymbia (Euc) gummifera* (Red Bloodwood)	25cm	11m	Good	Good		
423	*Eucalyptus resinifera* (Red Mahogany)	30cm	13m	Good	Good		
424	Dead *Corymbia (Euc) gummifera* Red Bloodwood	25cm	14m	Dead	Dead		
425	*Corymbia (Euc) gummifera* (Red Bloodwood)	15cm	9m	Good	Good		
426	*Corymbia (Euc) gummifera* (Red Bloodwood)	15cm	9m	Good	Good		
427	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	12m	Good	Good		
428	*Corymbia (Euc) gummifera* (Red Bloodwood)	2 x 15-20cm	13m	Good	Good		
429	*Angophora costata* (Sydney Red Gum)	4 x 10-25cm	14m	Good	Good	D/w	
430	*Eucalyptus resinifera* (Red Mahogany)	35cm	14m	Good	Good		

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk:** **Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
431	*Eucalyptus haemastoma* (Scribbly Gum)	35cm	15m	Fair	Good		
432	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	9m	Good	Fair	Dead leader	
433	*Angophora costata* (Sydney Red Gum)	55cm	17x12m	Good	Good-Fair	High Kino - Detailed inspection required. Further inspection if retained.	
434	Group of *trees*	10-20cm	9m	Good	Good	*Eucalyptus resinifera* (Red Mahogany), *Corymbia (Euc) gummifera* Red Bloodwood, *Angophora costata* (Sydney Red Gum)	
435	*Angophora costata* (Sydney Red Gum)	20-25cm	10m	Good	Good		
436	*Angophora costata* (Sydney Red Gum)	25cm	11m	Good	Good		
437	*Eucalyptus haemastoma* (Scribbly Gum)	20cm	11m	Good	Good		
438	*Eucalyptus haemastoma* (Scribbly Gum)	45cm	14m	Good	Good		
439	*Corymbia (Euc) gummifera* (Red Bloodwood)	25cm	10m	Good	Good		
440	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	13m	Good	Good		

Health/Structure: **G**ood **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
441	*Angophora costata* (Sydney Red Gum)	30+25cm	16m	Good	Fair	Included from 1m	
442	*Eucalyptus haemastoma* (Scribbly Gum)	35cm	14m	Good	Good		
443	*Corymbia (Euc) gummifera* (Red Bloodwood)	25cm	8m	Good	Good		
444	*Angophora costata* (Sydney Red Gum)	20+25cm	9m	Good	Good		
445	*Corymbia (Euc) gummifera* (Red Bloodwood)	25cm	9m	Good	Good		
446	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	11m	Good	Good	Growing to west.	
447	*Corymbia (Euc) gummifera* (Red Bloodwood)	15cm	9m	Good	Good		
448	*Angophora costata* (Sydney Red Gum)	25cm	14m	Good	Good		
449	*Angophora costata* (Sydney Red Gum)	50cm	17m	Good	Good		
450	*Eucalyptus haemastoma* (Scribbly Gum)	25cm	12m	Good	Good		

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
451	*Angophora costata* (Sydney Red Gum)	25cm	12m	Good	Good		
452	*Angophora costata* (Sydney Red Gum)	30cm	4m	Fair	Poor		
453	*Eucalyptus haemastoma* (Scribbly Gum)	30cm	12m	Good	Good		
454	*Eucalyptus resinifera* (Red Mahogany)	30cm	12m	Good	Good		
455	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	8m	Good	Good		
456	*Eucalyptus resinifera* (Red Mahogany)	30cm	16m	Fair	Poor		
457	*Eucalyptus resinifera* (Red Mahogany)	25cm + 25cm	16m	Good	Fair		
458	*Corymbia (Euc) gummifera* (Red Bloodwood)	25cm	14m	Good	Good		
459	*Eucalyptus haemastoma* (Scribbly Gum)	60cm	16m	Fair	Good	-	
460	*Angophora costata* (Sydney Red Gum)	30cm	15m	Good	Good		

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
461	*Angophora costata* (Sydney Red Gum)	25cm	9m	Good	Good		
462	*Eucalyptus resinifera* (Red Mahogany)	30cm	12m	Good	Good	D/w	
463	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	13m	Good	Good		
464	*Corymbia (Euc) gummifera* (Red Bloodwood)	25cm	14m	Good	Good		
465	*Angophora costata* (Sydney Red Gum)	20cm	12m	Good	Good		
466	*Syncarpia glomulifera* Turpentine	35cm	14m	Good	Good	Deadwooding required	
466a	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	14m	Fair	Good		
467	*Corymbia (Euc) gummifera* (Red Bloodwood)	2 x 15 +25cm	9m	Good	Good		
468	*Eucalyptus haemastoma* (Scribbly Gum)	35cm	12m	Fair	Fair	Dead leader	
469	*Eucalyptus haemastoma* (Scribbly Gum)	35cm	14m	Good	Good	D/w	
470	*Eucalyptus haemastoma* (Scribbly Gum)	30cm	14m	Good	Good		

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
471	*Eucalyptus haemastoma* (Scribbly Gum)	25cm	14m	Good	Good		
472	*Eucalyptus haemastoma* (Scribbly Gum)	35cm	16m	Good	Good		
473	*Eucalyptus haemastoma* (Scribbly Gum)	25cm	14m	Good	Good		
474	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	15m	Good	Good	-	
475	*Eucalyptus resinifera* (Red Mahogany)	35cm	13m	Good	Good		
476	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	10m	Good	Good	Surrounded by dead *Corymbia (Euc) gummifera*	
477	*Eucalyptus haemastoma* (Scribbly Gum)	20cm	13m	Good	Good		
478	*Eucalyptus haemastoma* (Scribbly Gum)	20cm	12m	Good	Good	-	
479	*Angophora costata* (Sydney Red Gum)	3 x 20cm	14m	Good	Good		
480	*Eucalyptus resinifera* (Red Mahogany)	25cm	13m	Good	Good		

Health/Structure: **G**ood **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk:** **Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
481	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	9m	Good	Good		
482	*Eucalyptus haemastoma* (Scribbly Gum)	25cm	12m	Good	Good		
483	*Syncarpia glomulifera* Turpentine	5 x (10-20) cm	9m	Good	Good	Clump	
484	*Eucalyptus haemastoma* (Scribbly Gum)	25cm	12m	Good	Good		
485	*Angophora costata* (Sydney Red Gum)	30cm	14m	Good	Good		
486	*Corymbia (Euc) gummifera* (Red Bloodwood)	2 x 20cm	12m	Good	Good		
487	*Eucalyptus haemastoma* (Scribbly Gum)	2 x 25cm	12m	Good	Fair	Decay pockets on trunk	
488	*Angophora costata* (Sydney Red Gum)	2 x 30cm	14m	Good	Good	D/w	
489	*Eucalyptus haemastoma* (Scribbly Gum)	35cm	14m	Good	Good	D/w	
490	*Eucalyptus resinifera* (Red Mahogany)	15+ 20cm	10m	Good	Good		

Health/Structure: Good Fair Poor **Crown Class:** Dominant. Co-dominant, Intermediate, Suppressed **ULE** Long Medium Short Remove **Risk:** **Failure:** **Imminent** / **Probable** (Possible Improbable)
Target: **High / Medium** (Low/Very Low) **Consequences of Failure:** **Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
491	*Angophora costata* (Sydney Red Gum)	55cm	14m	Good	Good		
492	*Eucalyptus haemastoma* (Scribbly Gum)	55cm	12m	Good	Good	with fissures up trunk	
493	*Eucalyptus haemastoma* (Scribbly Gum)	55cm	12m	Good	Good		
494	*Corymbia (Euc) gummifera* (Red Bloodwood)	55cm	12m	Good	Good	-	
495	*Eucalyptus haemastoma* (Scribbly Gum)	55cm	10m	Good	Good		
496	*Angophora costata* (Sydney Red Gum)	55cm	12m	Good	Good		
497	*Eucalyptus haemastoma* (Scribbly Gum)	55cm	12m	Fair	Fair		
498	*Eucalyptus haemastoma* (Scribbly Gum)	55cm	12m	Good	Good		
499	*Acacia sp.* Wattle	55cm	12m	Fair	Fair		
500	*Angophora costata* (Sydney Red Gum)	3 x10-25cm	13m	Good	Good	Co-dom from base x 2, Vine growing over Frass evident at base	

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Appendix F

Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
501	*Eucalyptus haemastoma* (Scribbly Gum) Euc pilularis	15 + 20cm	12 x 3m	Good	Good		
502	*Angophora costata* (Sydney Red Gum)	50+ 10cm	16 x9m	Good	Good	Stump removed	
503	*Syncarpia glomulifera* (Turpentine)	3x 10-20	12 x 5m	Good	Good		
504	*Syncarpia glomulifera* (Turpentine)	2+23+ 26cm	12x 6m	Good	Good	Co-dom from base x 3	
505	*Angophora costata* (Sydney Red Gum)	23cm + 26cm	14 x 9m	Good	Good	Co-dom x 2 Intermediate tree Slightly affected by tree 504	
506	*Syncarpia glomulifera* (Turpentine)	25cm	8 x 4m	Good	Good		
507	*3 x Allocasuarina torulosa* (Forest Oak)	15cm	8 x 6m	Good	Good		
508	*Syncarpia glomulifera* (Turpentine)	25cm	7 x 3m	Good	Good		
509	*Syncarpia glomulifera* (Turpentine)	23cm + 22cm	6 x 2m	Good	Good	Co-dom from base x 2	
510	*Syncarpia glomulifera* (Turpentine)	22cm + 22cm	9 x 7m	Good	Good	2 x trees slightly suppressed	

Health/Structure: **G**ood **F**air **P**oor **Crown Class:** **D**ominan**t. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Appendix F

Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
511	*Syncarpia glomulifera* (Turpentine)	20 +20 + 20cm	6m x 4m	Good	Good	3 x suckers from old stump	
512	*Syncarpia glomulifera* (Turpentine)	20 + 10cm	17 x 10m	Good	Good	Co-dom from base x 2	
513	*Angophora costata* (Sydney Red Gum)	40cm	13 x 7m	Good	Good		
514	*Angophora costata* (Sydney Red Gum)	23 +25 +15cm	10 x 7m	Good	Good	Co-dom from base x 3 Minor mechanical damage Deadwood to 5cm Intermediate	
515	*Syncarpia glomulifera* (Turpentine)	15cm + 18cm	7m x 3m	Good	Fair	Co-dom from base x2 Suppressed	
516	*Angophora costata* (Sydney Red Gum)	40 +20 + 32cm	15 x 9m	Good	Good	Co-dom from base x3 Caused by clearing	
517	*Syncarpia glomulifera* (Turpentine)	26cm	7m x 4m	Good	Fair	Canopy suppressed	
518	*Allocasuarina torulosa* (Forest Oak)	15cm	8m x 5m	Good	Fair		
519	*Syncarpia glomulifera* (Turpentine)	55cm (at 1m)	13m x 8m	Good	Fair	Low angle of attachment 1.5m	
520	*Corymbia (Euc) gummifera* (Red Bloodwood)	25 + 25cm	15m	Good	Good	Co-dom from base x2 Intermediate with adjacent tree	

Health/Structure: Good Fair Poor **Crown Class:** Dominant. Co-dominant, Intermediate, Suppressed **ULE** Long Medium Short Remove **Risk:** **Failure:** **Imminent** / **Probable** (Possible Improbable)
Target: **High / Medium** (Low/Very Low) **Consequences of Failure:** **Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
521	*Angophora costata* (Sydney Red Gum)	32cm	15m	Good	Good	Folding under leader, correcting at 5m	
522	*Angophora costata* (Sydney Red Gum)	10-15cm	8m	Good	Good	Co-dom from base x3	
523	*Eucalyptus haemastoma* (Scribbly Gum)	20 +10cm	7m	Good	Fair	Co-dom from base x2 Minor bark damage from fence	
524	*Eucalyptus haemastoma* (Scribbly Gum)	20cm	6m	Good	Fair	Damage in trunk. Manage	
525	*Angophora costata* (Sydney Red Gum)	20cm	8m	Good	Good		
526	*Eucalyptus haemastoma* (Scribbly Gum)	15cm	8m	Good	Good		
527	*Eucalyptus haemastoma* (Scribbly Gum)	15cm	8m	Good	Good		
528	*Eucalyptus resinifera* (Red Mahogany)	30cm	10m	Fair	Good		
529	*Eucalyptus resinifera* (Red Mahogany)	15cm	8m	Good	Fair-Poor		
530	*Eucalyptus resinifera* (Red Mahogany)	20cm	8m	Fair	Fair		

Health/Structure: Good **F**air **P**oor **Crown Class:** Dominant**.** **C**o-dominant**,** **I**ntermediate**,** **S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk:** **Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
531	*Eucalyptus resinifera* (Red Mahogany)	16cm	8m	Good	Fair		
532	*Angophora costata* (Sydney Red Gum)	30cm	10m	Fair	Fair	Deadwood at 8cm *Allocasuarina* to east (small)	
533	*Corymbia (Euc) gummifera* (Red Bloodwood)	25cm	16m	Good	Good	Forest form No canopy up to 14m	
534	*Angophora costata* (Sydney Red Gum)	35cm	20m	Good	Good		
535	*Corymbia (Euc) gummifera* (Red Bloodwood)	35cm	20m			Shared canopy with 534	
536	*Angophora costata* (Sydney Red Gum)	15cm	16m	Good	Good	Suppressed by adjacent trees	
537	*Syncarpia glomulifera* (Turpentine)	25cm	16m	Good	Good		
538	*Syncarpia glomulifera x 3* (Turpentine)	15 +20+ 20cm	16m	Good	Good		
539	*Syncarpia glomulifera* (Turpentine)		15m	Good	Good	Co-dom from base x 2	
540	*Angophora costata* (Sydney Red Gum)	35 +40+ 40cm	16m	Good	Good	Dominant tree in corner, Co-dom from base x 3, Old stump removed, Vertical trunks, Crossed branches, Deadwood to 10cm diameters.	

Health/Structure: Good Fair Poor **Crown Class:** Dominant. Co-dominant, Intermediate, Suppressed **ULE** Long Medium Short Remove **Risk: Failure:** **Imminent** / **Probable** (Possible Improbable)
Target: **High / Medium** (Low/Very Low) **Consequences of Failure:** **Severe/ Significant** (Minor/ Negligible)

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
541	*Eucalyptus resinifera* (Red Mahogany)	50cm	17 X 10m	Good	Good	Basal sucker	
542	*Syncarpia glomulifera* Turpentine	35+10cm	15m	Good	Good		
543	*Eucalyptus haemastoma* (Scribbly Gum)	55cm	18m	Fair	Fair		
544	*Eucalyptus resinifera* (Red Mahogany)	40cm	15m	Fair	Fair		
545	*Syncarpia glomulifera* Turpentine	25cm	14m	Good	Good		
546	*Corymbia (Euc) gummifera* (Red Bloodwood)	25cm	16m	Good	Good-Fair		
547	*2 x Syncarpia glomulifera* Turpentine	38cm & 32cm	16m	Good	Good-Fair	Shared canopy	
548	*Angophora costata* (Sydney Red Gum)	25cm	14m	Good	Good	Re-growth from stump	
549	*Angophora costata* (Sydney Red Gum)	20-35cm	16m	Good	Good	Coppiced x 5 trunks	
550	*Eucalyptus resinifera* (Red Mahogany)	25cm	17m	Fair	Good	Mostly epicormic	

Health/Structure: **G**ood **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk:** **Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
551	*Eucalyptus resinifera* (Red Mahogany)	25cm	14m	Good	Good	-	
552	*Angophora costata* (Sydney Red Gum)	25cm	16m	Good	Fair	High epicormic growth Deadwood at 6cm?	
553	*Angophora costata* (Sydney Red Gum)	10cm	10m	Good	?		
554	*Corymbia (Euc) gummifera* (Red Bloodwood	40cm	17m	Fair-Poor	Fair		Remove
555	*Corymbia (Euc) gummifera* Red Bloodwood	23+ 25cm	16m	Good	Fair	Co-dom from base x 2)	
556	*Eucalyptus resinifera* Red Mahogany	32cm	18m	Good	Good-Fair		
557	*Eucalyptus haemastoma* Scribbly Gum	40cm at 1m	12m	Fair	Fair		
558	*Corymbia (Euc) gummifera* Red Bloodwood	25cm	14m	Fair	Fair		
559	*Corymbia (Euc) gummifera* Red Bloodwood	30cm	17m	Fair	Fair		Keep
560	*Eucalyptus species* Ironbark	45+25cm	10m	Good			

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominan**t. C**o-dominant**, I**ntermediate**, S**uppressed **ULE L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
561	4 x *Corymbia (Euc) gummifera* (Red Bloodwood) 1 x *Angophora costata* (Sydney Red Gum)	10-25cm	15m	Good	Fair		
562		10-25cm	15m	Good	Fair		
563	4 x *Corymbia (Euc) gummifera* (Red Bloodwood)	15-30cm	8-17m	Good	Good		
564	10 x *Corymbia (Euc) gummifera* (Red Bloodwood)	15-30cm	9-16m	Good	Good-Fair	*Eucalyptus punctata* (Grey Gum)	
565	*Eucalyptus resinifera* (Red Mahogany)	30cm	15m	Fair	Good	Remove deadwood. Monitor.	
566	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	15m	Fair	Good		
567	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	15m	Fair	Good		
568	*Eucalyptus haemastoma (*Scribbly Gum)	50cm	18m	Good	Fair		
569	*Angophora costata* (Sydney Red Gum)	25+20cm	10m	Good	Fair	*Acacia implexa* (Hickory Wattle) Maintenance prune.	
570	Corymbia (Euc) gummifera (Red Bloodwood)	30cm	16m	Good	Fair		

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
571	*14 x Corymbia (Euc) gummifera* (Red Bloodwood)	10-30cm	8-12m	Good	Good		
572	3 x *Eucalyptus sp. Gums*	30-10cm	8-9m	Good	Good		
573	*Corymbia (Euc) gummifera* (Red Bloodwood)	25cm	10m	Good	Good		
574	*Angophora costata* (Sydney Red Gum)	25cm	14m	Good	Good		
575	2 wattle 4 x *Eucalyptus sp.*	15-25cm	7-9m	Good	Good		
576	*Corymbia (Euc) gummifera* (Red Bloodwood)	20cm	14m	Good	Fair		
577	*Corymbia (Euc) gummifera* (Red Bloodwood)	30+35cm	14m	Good	Fair		
578	*Corymbia (Euc) gummifera* (Red Bloodwood)	25cm	10m	Good	Fair		
579	Dead *Eucalypt.*	-	-	-	-	*Eucalyptus sideroxylon* (Mugga Ironbark) x 3 nearby	
580	*Corymbia (Euc) gummifera* (Red Bloodwood)	35cm	10m	Good	Good	Monitor	

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
581	*Corymbia (Euc) gummifera* (Red Bloodwood)	20+ 20cm	8m	Fair	Fair		
582	*Angophora costata* (Sydney Red Gum)	40cm	20m	Good	Good		
583	Acacia sp. Wattle	40cm	9m	Good	Good		
584	*Eucalyptus sp* (Gum)	20+10cm	7m	Good	Good	*Leptospermum petersonii* (Lemon-scented Tea Tree)	
585	*Eucalyptus sp* (Gum)	20cm			-		
586	*Eucalyptus sp* (Gum)	Dead	-	-	-		
587	*Corymbia (Euc) gummifera* (Red Bloodwood)	3 x20 cm	13m	Good	Good		
588	*Corymbia (Euc) gummifera* (Red Bloodwood)	30cm	13m	Good	Good		
589	Dead *& bit of gummifera* (Red Bloodwood)	20cm	N/a	Poor	Poor	Near shed. Possum/bird box. Chest table under.	
590	*Angophora costata* (Sydney Red Gum)	23cm	11m	Good	Good	*Syncarpia glomulifera* (Turpentine) nearby	

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
591	*Angophora costata* (Sydney Red Gum)	38cm		Good	Good		
592							
593							
~~**594**~~	No tree	-	-	-	-	-	
595	*Eucalyptus scoparia* (Wallangarra White Gum)	35cm	12m	Good	Good-Fair		
596	*Eucalyptus punctata* (Grey Gum)	30cm	15m	Good	Good		
597	2 x *Eucalyptus punctata* (Grey Gum)	2 (18) cm	13m	Good Good	Good Poor		
598	*Eucalyptus punctata* (Grey Gum)	40cm	15m	Good	Good	-	
599	*Eucalyptus punctata* (Grey Gum)	15cm	8m	Good	Good	*Eucalyptus sideroxylon* (Mugga Ironbark) x 3	
600	*Eucalyptus resinifera* Red Mahogany	50cm	13m			-	

Health/Structure: **G**ood **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk:** **Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
601	Dead	-	-	-	-	*Allocasuarina torulosa* Forest Oak	-
602	Dead	-	-	-	-	*Allocasuarina torulosa* Forest Oak	-
603	Dead	-	-	-	-	*Allocasuarina torulosa* Forest Oak	-
604	*2 x Angophora costata* (Sydney Red Gum)	12+12cm	13m	Good	Good-Fair		
605	Dead	-	-	-	-	*Allocasuarina torulosa* Forest Oak	-
606	*Eucalyptus paniculata* Grey Ironbark	25cm	12m	Good	Good		
607	*Eucalyptus paniculata* Grey Ironbark	35cm	13m	Fair	Fair		
608	*Eucalyptus paniculata* Grey Ironbark	40cm	12m	Good	Fair		
609	*Eucalyptus sp*. (Gum tree)	20cm	6m	Good	Fair	*Eucalyptus sideroxylon* (Mugga Ironbark) x 3	
610	*Eucalyptus paniculata* Grey Ironbark	45cm	17m	Good	Good-Fair		

Health/Structure: **G**ood **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
611	*Eucalyptus resinifera* Red Mahogany	>10cm	8m	Good	Good		
612	*Eucalyptus sp*. (Gum tree)	>10cm	6m	Good	Good		
613	*Angophora costata* (Sydney Red Gum)	3cm+ 3cm	14m	Good	Good		
614	*Corymbia (Euc) gummifera* (Red Bloodwood)	32 + 28 + 27cm	10 x 7m	Good	Good	*Leptospermum sp.* Tea Tree	
615							
616							
617							
618							
619						*Eucalyptus robusta* Swamp Mahogany	
620							

Health/Structure: **G**ood **F**air **P**oor **Crown Class:** **D**ominan**t**. **C**o-dominant**, I**ntermediate**, S**uppressed **ULE L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Heath	Structure	Comments / Risk	Works required
621	*Eucalyptus resinifera* (Red Mahogany)						
622	*Eucalyptus sp* (Gum)						
623	*4 x Syncarpia glomulifera* Turpentine	25- 30cm	14m	Good	Good	Also, *Angophora costata* (Sydney Red Gum) and semi mature Turpentine. 6- 8m nearby.	
624	*Eucalyptus punctata* (Grey Gum)	35 +50cm	20m	Good	Fair	Co-dom. from base. D/w to 8cm	
625	3 x *Angophora costata* (Sydney Red Gum) *1 x Eucalyptus punctata* (Grey Gum)	25cm	10m	Good	Fair	Group 3 x Ac and E punctata. Competing and crossing branches. Some D/w. Compacted fill.	
626	*Eucalyptus haemastoma* Scribbly Gum	40cm	10m	Good- Fair	Good- Fair		
627	*Eucalyptus haemastoma* Scribbly Gum	40cm	15m	Good	Good	Suppressed group	
628	*Angophora costata* (Sydney Red Gum)	30cm	14m	Good	Good	Suppressed	
629	*Eucalyptus punctata* (Grey Gum)	90cm	20m	Good	Fair	Co-dom from 2m. High amount of D/w	
630	*Eucalyptus punctata* (Grey Gum)	20cm	10m	Good	Good- Fair		

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Heath	Structure	Comments / Risk	Works required
631	*Eucalyptus haemastoma* Scribbly Gum	45cm	20m	Fair	Good	D/w to 10cm and stubs.	
632	*Eucalyptus haemastoma* Scribbly Gum	35cm	14m	Good- Fair	Good	High epicormic.	
633	*Eucalyptus pilularis* Blackbutt	30cm	12m	Good	Good	Exposed root under demountable. God future tree.	
634	*Eucalyptus haemastoma* Scribbly Gum	45cm	14m	Good	Good	Co-dom form 4m included. Consider sling.	
635	*Eucalyptus haemastoma* Scribbly Gum	45cm	18m	Good	Good	Leaning SE. D/w stubs at height. Damaged leader. Eh and E.g. under 15 – 20cm diameters.	
636	*Eucalyptus haemastoma* Scribbly Gum	50cm	18m	Good	Good	Leaning SW. Borer at base. Fill at base.	
637	*Angophora costata* (Sydney Red Gum)	35 +40cm	16m	Good	Good	Co-dom form base and suckers in ground.	
638	*Corymbia (Euc) maculata* Spotted Gum	40cm	16m	Good	Fair- Poor	Contacting and rubbing leaders/branches. Co-dom form 1. Expansion cracking present.	
639	*Eucalyptus resinifera* (Red Mahogany)	30cm	13m	Good	Good	)	
640	*Eucalyptus sp* Gum	25cm	12m	Good	Good	Fill at base.	

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
641	*Eucalyptus resinifera* (Red Mahogany)	30cm	13m	Good	Good		
642	*Syncarpia glomulifera* Turpentine	30cm	11m	Good	Good		
643	*Eucalyptus resinifera* (Red Mahogany)	40cm	14m	Good	Good- Fair	Co-dom from 4m. Fill in area. Allo's and Hakea under	
643a	*Angophora costata* (Sydney Red Gum)	15+35 +40cm	8m	Good	Good- Fair	Multi from base. Outside fence. Hackberry under	
644	*Corymbia (Euc) gummifera* Red Bloodwood	30cm	15m	Good	Good	Forest form.	
645	*Angophora costata* (Sydney Red Gum)	30cm	11m	Good	Good	Near fence	
646	*Eucalyptus resinifera* (Red Mahogany)	25cm	11m	Good	Fair	Inside fence	
647	*Eucalyptus haemastoma* Scribbly Gum	55cm	16m	Good-Fair	Good	Mounding at base and buttressing. Scribbly near fence E. Semi mature 25cm DBH G/G.	
648	*Eucalyptus haemastoma* Scribbly Gum	40cm	16m	Fair-Poor	Good-Fair	Leaning south from 7-8m. Small gums and Angophora nearby.	
649	*Eucalyptus paniculata* (Grey Ironbark)	20cm	13m	Good	Good		
650	*Eucalyptus haemastoma* Scribbly Gum	14cm	17m	Fair	Fair-Poor	Co-dom from 1.5m. Damaged bark at base.	

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent / Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)

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Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Health	Structure	Comments / Risk	Works required
651	*Eucalyptus resinifera* (Red Mahogany)	20 +25cm	12m	Good	Fair	2 co-dom from base. Possibly regrowth.	
652	*Eucalyptus haemastoma* Scribbly Gum	40cm	15m	Fair-Poor	Fair	Leaning south – reason not clear. Mostly epi.	
653	*Eucalyptus resinifera* (Red Mahogany)	40cm	18m	Good	Good-Fair	Co-dom from 5m, possibly included	
653a	*3 x Angophora costata* (Sydney Red Gum)	20cm 25cm 30cm	10m	Good	Good	East of 653. Shared canopy	
654	*Angophora costata* (Sydney Red Gum)	35cm	14m	Good	Fair	Trunk damaged at height. High D/w and stubs.	
654a	*Eucalyptus resinifera* (Red Mahogany)	30cm	10m	Good	Good-Fair	Canopy over school	
655	*Eucalyptus haemastoma* Scribbly Gum	40cm	17m	Fair	Good - Fair	D/w to 5cm.Co-dom from 4m.	
656	*Corymbia (Euc) gummifera* Red Bloodwood	25+25 +25cm	13m	Fair	Fair	3 trunks from ground. Shared canopy. D/w to 5cm.	
657	*2 x Eucalyptus resinifera* (Red Mahogany)	25 & 25cm	11m	Good	Good		
658	*Syncarpia glomulifera* Turpentine	10+ 15cm	12m	Good	Fair- Poor	Co-dom from base. Remove trunk near street.	

Health/Structure: Good Fair Poor **Crown Class:** Dominant. Co-dominant, Intermediate, Suppressed **ULE** Long Medium Short Remove **Risk: Failure:** **Imminent** / **Probable** (Possible/Improbable)
Target: **High / Medium** (Low/Very Low) **Consequences of Failure:** **Severe/ Significant** (Minor/ Negligible)

Appendix F

Samuel Gilbert PS **Tree Data Schedule**

Tree #	Species	DBH/ Ø arb	Height x Spread	Heath	Structure	Comments / Risk	Works required
659	*Eucalyptus resinifera* (Red Mahogany)	30cm	16m	Fair	Fair	High epicormic growth. D/w to 10cm	
659a	*Eucalyptus paniculata* Grey Ironbark	20cm	16m	Good	Good	Vine over, shared canopy. Intermediate tree.	
660	*2 x Eucalyptus resinifera* (Red Mahogany)	30cm 15cm	13m	Good	Fair	D/w to 5cm, lesser tree supressed	
						-	

Health/Structure: Good **F**air **P**oor **Crown Class:** **D**ominant**. C**o-dominant**, I**ntermediate**, S**uppressed **ULE** **L**ong **M**edium **S**hort **R**emove **Risk: Failure: Imminent** / **Probable** (Possible Improbable)
Target: High / Medium (Low/Very Low) **Consequences of Failure: Severe/ Significant** (Minor/ Negligible)