HORTICULTURAL
Management Services
9 Hickson Circuit
Harrington Park NSW 2567
M: 0425 308 275
E: scott@hortmanagement.com.au

ARBORICULTURAL IMPACT ASSESSMENT, TREE PROTECTION AND MANAGEMENT PLAN

PROPOSED AFFORDABLE HOUSING AND BUILD TO RENT DEVELOPMENT APPLICATION

2A GREGORY PLACE PARRAMATTA, NSW

Report prepared for: 2A Gregory Place Pty Ltd

Report prepared by: Scott Freeman - Principal
Horticultural Management Services
Diploma of Arboriculture (AQF L5)
ISA Tree Risk Assessment (TRAQ) Certified
Diploma of Horticulture
Diploma of Conservation and Land Management

26th February 2026 – Version 7

Arboriculture Australia
Member #2590

DISCLAIMER

This report has been prepared in accordance with the scope of services described in agreement between Horticultural Management Services and the client.

This report relies upon data, surveys and site inspections results taken at or under the particular time and or conditions specified herein.

Any representation, statement, opinion or advice, expressed or implied in this publication is made in good faith but on the basis that Horticultural Management Services, its agents and employees are not liable (whether by reason of negligence, lack of care or otherwise) to any person for any damage or loss whatsoever which has occurred or may occur in relation to that person taking or not taking (as the case may be) action in respect of any representation, statement, or advice referred to above.

Every effort has been made in this report to include, assess, and address all defects, structural weaknesses, and instabilities of the subject trees. All inspections were made from ground level using only visual means and no intrusive or destructive means of inspection were used. For many structural defects such as decay and inclusions, internal inspection is required by means of resistograph or similar. No such investigation has been made in this case. Trees are living organisms and are subject to failure through a variety of causes not able to be identified by means of this inspection and assessment.

Information contained in this report covers only the subject tree that was assessed and reflects the condition of the subject tree at the time of inspection. Any finding, conclusion or recommendations only apply to the aforementioned and no greater reliance should be assumed or drawn by the Client.

There is no warranty or guarantee, expressed or implied that problems or deficiencies regarding the subject trees or the subject site may not arise in the future.

Furthermore, this report has been prepared solely for the use by the Client. The Client acknowledges that this assessment, and any opinions, advice or recommendations expressed or given in it, are based on the information supplied by the Client, and based on the data observations, measurements and analysis carried out or obtained by Horticultural Management Services and referred to in the assessment.

Horticultural Management Services accepts no responsibility for its use by other parties.

TABLE OF CONTENTS

APPENDICIES

1.0 INTRODUCTION

Horticultural Management Services was engaged to conduct an Arboricultural Impact Assessment, Tree Protection and Management Plan for 2A Gregory Place, Parramatta NSW (the Site).

Version 2 formed part of a State Significant Development Application (SSD-31179510); a concept proposal for an affordable housing and build to rent development comprising approximately 483 dwellings within Three-(3) freestanding four to eight storey buildings.

Following exhibition and extensive consultation, the scheme has been reconsidered, resulting in a revised building configuration. With respect to trees and tree preservation, this revised scheme reduces the extent of building footprints and increases setbacks along the western and northwestern boundaries. The version of the report accompanies a Response to Submissions and has updated to address the revised scheme and the relevant submissions.

The proposal still incorporates the demolition of all existing structures, removal of proposed trees, a Two-Storey basement and associated landscaping, attached as Appendix A.

The purpose of this report is to identify the trees within and or adjoining the site, provide information on their individual current health and condition, determine their remaining life expectancy and significance in the landscape, and assess their suitability for retention/preservation or removal. The scope of this report includes the allocation of SULE ratings (Safe Useful Life Expectancy), and identification of Arboricultural work required.

The potential impact of the proposed development has also been assessed, together with recommendations for amendments to the design or construction to ensure the retention of trees considered worthy of preservation.

A site investigation was undertaken on Friday 27th May 2022 and subsequent inspections to assess the trees onsite and those adjoining which may be affected by the proposed design and or scope of works.

Information contained in this report covers only the subject trees that were assessed and reflects the condition of the subject trees on site at the time of inspection.

This assessment has been conducted with consideration of the State Environmental Planning Policy (Biodiversity and Conservation) 2021 and Parramatta City Council Development Control Plan (DCP) 2023, Section 5.4 Protection of the Natural Environmental, Subsection 5.3.4 Trees and Vegetation Preservation.

This Arboricultural assessment includes the review and management recommendations for trees and vegetation that are located outside the formal boundaries of the subject land. This approach reflects the specific context of the proposed development, which is a **State Significant Development (SSD) concept proposal** intended to deliver an **affordable housing scheme compatible and integrated within a landscaped public domain**.

The project seeks to establish a built form that is connected to the surrounding precinct through **multiple public entry points and pedestrian accessways**, some of which traverse or interface with land not currently in the control of the applicant (including areas adjacent to or across the stormwater channel).

As such, the proposed design and landscape strategy has not been prepared strictly along cadastral boundaries, but rather as an integrated response to the **future intended character and amenity of the public domain**. In this context, trees and landscape elements beyond the subject land have been assessed where they:

- Interfere with the proposed landscape, access, or public domain outcomes;
- Present a constraint to the delivery of safe and accessible pedestrian pathways;
- Are inconsistent with the long-term vision for a coordinated, high-quality landscape setting.

This concept proposal is being assessed by the **Minister for Planning as the consent authority**, and it is acknowledged that **appropriate landowner consent** will be obtained at the relevant future stages, including prior to any physical works on land not in the applicant's control.

The purpose of this report is to inform the environmental assessment process and to support a coordinated urban and landscape design response that considers **both public and private interfaces**.

Any tree removal or management recommendations are made on this basis, in support of achieving a balanced and well-integrated built and landscaped outcome.

2.0 RESPONSE TO SUBMISSONS

Department of Planning and Environment

Issue
The Department has identified that trees may not be able to be retained (that are identified to be retained) as they are in close proximity to the building envelopes of Building A and C, the proposed basement, and the internal accessway/emergency driveway.

The submitted architectural plans indicate that some trees to be retained would have incursions into their tree protection zones (TPZ) of more than 10% (a major encroachment under AS 4970-2009 Protection of trees on development sites). Their canopies would also require significant trimming, and some trees may have incursions into the structural root zones (SRZ). The European heritage report, community consultation report, wind report, and view analysis all emphasise the importance of these trees being retained.

Response

Retention of trees
Overall, the building design and tabled setbacks have been considered with the amended proposal and setbacks improved with respect to the separation of site and adjoining trees to the proposed building envelope, basement location and excavations and scope of works from the trees proposed to be kept.

The updated arborist report nominates the following trees to be retained, protected, and managed in accordance with *AS 4970-2009 Protection of trees on development sites.*

The following Trees Numbered 63, 64, 87, 88, 119, 120, 121, 122, 125, 126, 127, 128, 129, 130, 131, 132, 134, 135, 137, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 174, 175, 176, 177, 178, 179, 180, 181, 190, 191, 192, 207, 208, 209 and 210 are sufficiently distanced be safely retained, protected and managed by an AQF L5 Project Arborist with works undertaken in accordance with this Tree Management Plan.

Issue
The Arboricultural assessment report does not clearly identify tree numbers and contains several technical issues including:

- *the provision of tree protection fencing within building envelopes.*
- *no discussion about required tree canopy pruning.*
- *no discussion about the individual level of impact trees would occur. E.g., TPZ, SRZ incursions.*

Response

Arboricultural assessment report
The Arboricultural assessment report has been updated to clearly identify tree numbers, tree protection fencing, tree canopy pruning requirements and a discussion on the level of impact on trees.

The building design and setbacks have been amended with TPZ setbacks improved with respect to the separation of site and adjoining trees to the proposed building envelope, basement location and excavations and scope of works from the trees proposed to be kept.

The updated arborist report nominates the following trees to be retained, protected, and managed in accordance with *AS 4970-2009 Protection of trees on development sites.*

The following Trees Numbered 63, 64, 87, 88, 119, 120, 121, 122, 125, 126, 127, 128, 129, 130, 131, 132, 134, 135, 137, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 174, 175, 176, 177, 178, 179, 180, 181, 190, 191, 192, 207, 208, 209 and 210 are sufficiently distanced be safely retained, protected and managed by an AQF L5 Project Arborist with works undertaken in accordance with this Tree Management Plan. Based on the separation distance no trees are recommended/required to be pruned.

Issue

The architectural plans indicate that temporary access to the north-west portion of the site would be provided via Parkes Street. This location on the site is proposed to have tree protection fencing. In addition, the general storage of materials is recommended outside of a retained TPZ.

Response

Temporary access to the north-west portion of the site

The previously proposed temporary access via Parkes Street has been removed. The updated arborist report considers the storage of materials within retained tree TPZs as per Section 10 Tree Management Plan and additional sections.

Issue

The following must be submitted with regards to tree preservation:

- *A tree survey plan that clearly shows tree numbers and their location.*
- *A site plan that shows the TPZs and SRZs of trees to be retained in relation to proposed building envelopes.*
- *TPZs of trees to be retained must not have more than a 10% incursion into their TPZs and no incursions into their SRZs. This may require reduced building envelopes.*
- *A discussion on the amount (percentage) of tree pruning required for retained trees before construction.*
- *An amended tree protection plan that shows tree protection fencing outside of proposed building envelopes.*

Response

Tree preservation documentation, the following supplementary information has addressed the following including but not limited to:

- A tree survey plan clearly shows tree numbers and their location,
- A site plan that shows the TPZs and SRZs of trees,
- TPZs of trees to be retained,
- A discussion on the amount (percentage) of tree pruning, (Not required)
- An amended tree protection plan that shows tree protection fencing.

TPZs of trees to be retained must not have more than a 10% incursion into their TPZs and no incursions into their SRZs. The updated plans have considered the above regarding retained tree TPZs as per Section 10 Tree Management Plan and additional sections.

Whilst the *AS 4970-2009 Protection of trees on development sites* recommends as a general guideline, incursions under 10% are favourable, greater incursions above this rule are permissible as tabled in Section 3.3.3 Major Encroachment and Section 3.3.4 TPZ Encroachment Consideration, in which the project Arborist must demonstrate that the trees would remain safe, viable with consideration of the their individual location, species, age and scope of works, which have been addressed in the assessment.

City of Parramatta Council

Issue

There is inadequate setback and tree protection given to a group of significant trees located in the northwestern corner and along the western side. The proposed setback of 6m is insufficient to enable retention of these trees.

Response

The amended design has increased the setback of built structures from the northern boundary. The northwestern corner of the site is set aside for a vehicle turning circle surrounded by existing trees retained as a result of the amended design.

This layout will enhance the green boarder to the south of Hambledon cottage, works are in accordance with *AS 4970-2009 Protection of trees on development sites.*

Issue

It is recommended that Building C be removed from the proposal. Building C is proposed to be the bulkiest building within the site, with no setback or transition in height to its context, is located in the isolated Northwestern corner of the site removed from the public street frontage and directly adjacent to the parkland setting of Experiment Farm and Hambledon Cottage. Removal of Building C will:

- *Maintain an absence of built form in this location to protect important view corridors between Experiment Farm and Experiment Farm Reserve and Hambledon Cottage and respond to flooding constraints;*
- *Create a strong spatial and visual connection between the proposal and Experiment Park Reserve and the parklands;*
- *Allow for the space at the western edge of the site to be used for communal open space and deep soil provision and to strengthen the parklands setting between Experiment Farm and Hambledon Cottage;*
- *Help retain large significant trees to the north-western edge.*
- *Allow for the view corridor created by the recommended public road to terminate in landscaping rather than built form.*
- *Should Building C not be removed from the development:*
  - *The local road should return south to give a public frontage to the building.*
  - *Additional setbacks (at least 10m) should be provided to existing mature trees to the northwest corner of the site.*

Response

As part of the response to these submissions the footprint and envelope of building C has been redesigned. Instead of being seven stories on the northeastern corner, the building is now set well back from the corner and has been reduced to four stories stepping up to six.

This envelope is also significantly smaller than previous.

The increased setback, reduced height and setback creates an improved setting that will meet Council's objectives in that it will:

- *protect important view corridors between Experiment Farm and Experiment Farm Reserve and Hambledon Cottage.*
- *Create a strong spatial and visual connection between the proposal and Experiment Park Reserve and the parklands.*
- *Allow for the space at the western edge of the site to be used for communal open space and deep soil provision and to strengthen the parklands setting between Experiment Farm and Hambledon Cottage.*
- *Retain large significant trees to the north-western edge of the site.*
- *Allow for the view corridor created by the recommended public road to terminate in landscaping rather than built form.*
- *A 59 metre setback from Park Street has been provided to provide respite to the existing mature trees to the northwest corner of the site.*

Issue

Provide a 22.5m ground setback to the north boundary to:

- *Respect the historical Hambledon Cottage and its associated curtilage;*
- *Retain existing trees along the Northern boundary, which provide a key backdrop to Hambledon Cottage;*
- *Allow for a local road with a dedicated pedestrian path and on-street parking which can be dedicated to Council;*
- *Allow for a planted front building setback from the road reserve and contiguous deep soil zones;*

Response

While the proposal does not include a 22.5 metre setback to the northern boundary, it does include a generous 6 metre setback as well as a generous central publicly accessible greenspace. Between these two open spaces, Council's objectives in that:

- *The spaces respect Hambledon Cottage and its associated curtilage.*
- *Retain existing trees along the Northern boundary.*
- *Allow for a local road with a dedicated pedestrian path and on-street parking.*
- *Allow for a planted front building setback from the road reserve and contiguous deep soil zones.*

Issue

The basement should be consolidated beneath the building footprint and be setback from the northern and southern boundaries. The basement must not cover the whole site as it restricts opportunities to retain existing trees and provide for deep rooted planting.

Response

The scheme has been reconsidered in response to the submissions received from the public and interested government organisations. Part of the amendment includes a reduced basement footprint. The new basement is generally within the external footprint of the precinct buildings. There are several shared green spaces that will be created above the underground carpark. These spaces are allocated as either public or communal and will generally support 1.5 metres of structural soil to encourage soil connectivity.

The increased deep soil zone around the perimeter of the site will meet Council's objectives by retaining existing trees and provide for additional planting opportunities with advanced 100lt canopy trees as part of the new landscape.

Issue

Of most concern to Council's Landscaping and Trees team is that there is an inadequate setback and tree protection given to a group of significant trees located in the north-western corner and along the western side. The trees identified as T181 Lophostemon confertus requires an 8.4m setback and T190 Lophostemon confertus, T191 Eucalyptus microcorys and T192 Eucalyptus saligna all require a minimum 9.6m setback and not 6m as indicated. This would be a major encroachment and would require the trees to be removed. The buildings should be setback a minimum 9.5m and reflected in the amended architectural plans for building C.

Response

Based on the amended design trees Numbered 181, 190, 191, 192 have been considered are sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works.

There is an existing roadway adjoining this tree, which runs to a previous used exit gate. This area would have already been compacted for these works and new design with turning circle only has minor incursions into its TPZ. Any new roadway, kerb and gutter works within its TPZ contrary to this scope of works, are to be hand dug and supervised by the project AQF L5 project Arborist.

Chain mesh safety fencing is to be installed to ensure no building waste, or materials are stored within its TPZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ.

No scaffold branches or tree canopy is anticipated to be pruned based on the building setback and roof design. This will retain the trees natural aesthetic form. The tabled carpark and building envelope configuration have been considered, with this tree being protected and managed in accordance with best practice guidelines and *Australian Standards - AS 4970-2009 Protection of trees on development sites.*

These trees are able to accommodate these works and be unimpacted. No hardscape landscaping is proposed within this trees SRZ to ensure their safe retention and longevity. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.

Issue

Further discussion within the AIA around the specific tree protection measures and setbacks required to adequately retain and protect these trees through the demolition and construction process is required.

Response

The tree protection and management through various construction stages have been adequately address in Section 10 Tree Management Plan to Section 10.7 and Appendices C to G.

Issue

The Arboricultural Impact Assessment (AIA) reads more like a Preliminary Tree Assessment Report and only partially discusses the impacts to the trees associated with the proposed demolition and construction works (roads (services), buildings, landscape, temporary access etc).

Response

The tree protection and management through various construction stages have been adequately address in Section 10 Tree Management Plan to Section 10.7 and Appendices C to G.

Issue

The AIA is impossible to read the tree numbers without using the survey plan, zoomed in on Adobe. The AIA should be updated to have a series of legible tree location plans with the tree numbers shown.

Response

Updated plans have been included in the report. Tree Numbering in legible font size and plans tabled are included in Section 9.0 Trees Numbered 1 to 223 identified to be retained or removed with red depicting removed trees.

Whilst it may appear a large number of trees are required to be removed, the fact is, the site is heavily weed infested with an extensive amount of TPO Exempt weed species to be removed and or managed regardless of any proposal.

Issue

A tree retention and removal plan should also be provided as part of the AIA.

Response

Updated plans have been included in the report. Tree Numbering in legible font size and plans tabled are included in Section 9.0 Trees Numbered 1 to 223 identified to be retained or removed with red depicting removed trees.

Issue

Further discussion around the specific tree protection measures is required for the adequate retention of trees along the northern, western and eastern boundary in regards the construction of the proposed the accessway and basement construction.

Response

The tree protection and management through various construction stages have been adequately addressed in Section 10 Tree Management Plan to Section 10.7 and Appendices C to G.

Issue

Retention of moderate to high retention value trees T158, T159 and 165 along the southern boundary opposite the Clay Cliff Creek should be strongly considered for retention in the amended plans and the future path relocated slightly to meander around these trees.

Response

Trees Numbered as T158, T159 and 165 along the southern boundary opposite the Clay Cliff Creek are not able to be retained as they located within a roadway. However, any considered loss of moderate to high retention value will be offset through the increased deep soil zone around the perimeter of the site that will meet Council's objectives by provided additional offset planting opportunities with advanced 100lt canopy trees as part of the new landscape. These planting will alleviate any considered short term loss of visual amenity.

Issue

A Tree Protection Management Plan (at a legible scale) is required to discuss the site specific impacts, percentage encroachments into the TPZ and specific tree protection measures required.

Response

Tree Numbering in legible font size and plans tabled are included in Section 9.0 Trees Numbered 1 to 223 are identified to be retained or removed with red depicting removed trees and green those to be retained. The drawing shows both SRZ and TPZ requirements.

Furthermore, the new design has taken into consideration these requirements.

Issue

Basements (if appropriate on flood management grounds) are to be contained under the building footprints and building setbacks are to be increased from the public reserve boundaries and proposed Clay Cliff Creek Walk to better protect existing mature trees and accommodate a wider landscape buffer to reduce amenity impacts

Response

The scheme has been reconsidered in response to the submissions received from the public and interested government organisations. Part of the amendment includes a reduced basement footprint.

The new basement is generally within the external footprint of the precinct buildings. There are several shared green spaces that will be created above the underground carpark. These spaces are allocated as either public or communal and will generally support 1.5 metres of structural soil to encourage soil connectivity.

The increased deep soil zone around the perimeter of the site will meet Council's objectives by retaining existing trees and provide for additional planting opportunities with advanced 100lt canopy trees as part of the new landscape.

Issue

Maximise protection of existing mature boundary trees and use of large-scale canopy species to soften the ground-level interface between the built form and heritage parkland setting

Response

Retention of significant vegetation is paramount; the new design has reconsidered the submissions received from the public and interested government organisations.

Any considered loss of moderate to high retention value will be offset through the increased deep soil zone around the perimeter of the site that will meet Council's objectives by provided additional offset planting opportunities with advanced 100lt canopy trees as part of the new landscape. These planting will alleviate any considered short term loss of visual amenity.

3.0 AIMS

To detail the condition of the trees and consider the location and condition of such in relation to their surrounds.

To complete the following:

- Inspect the subject trees within and adjacent to the site/s and site conditions,
- Assess the condition of the subject tree(s),
- Observe and describe the trees and other vegetation on the subject site,
- Discuss the trees within their current landscape,
- Determine the subject trees' Landscape Significance including cultural, environmental, and aesthetic values,
- Consider the benefits of retention or removal of the trees for the medium to long-term benefit of the trees and on-going public safety,
- Provide recommendations for Tree Management, if or as required, within the context of a development application, and
- Prepare site specific tree protection specifications for trees recommended for retention.

4.0 SITE DESCRIPTION AND OBSERVATIONS

The site is identified as 2A Gregory Place, Parramatta NSW.

Relevant site plans and/or documents reviewed prior to undertaking the Arborist Assessment include:

- *StrataSurv, Site Surveyor sheets 1 to 6, drawing number 2045DT01, Revision D, date 5.5.2022,*
- *Pacific Planning, Gregory Place Concept Development, Section 7,*
- *Tzannes Architects, Urban Designer and Architects,*
- *Parramatta City Council Development Control Plan (DCP) 2023, Section 5.4 Protection of the Natural Environmental, Subsection 5.3.4 Trees and Vegetation Preservation.*

Included within this report is a site plan showing the locations of the site trees based on the proposed development layout.

Site observations noted a mixture of self-seeded nuisance weed species, introduced (planted) exotic and native planted vegetation. The herbaceous or grass vegetation consists of a mixture of introduced pastoral grasses/weed species due to the site's location within a residential precinct.

4.1 HERITAGE SIGNIFICANCE

There are no trees within the site that have been identified as Heritage Items under Council Planning Instrument or identified within a Significant Tree Register.

4.2 TREES ON ADJOINING LAND

In accordance with Council's requirements, trees adjoining the development have been assessed as part of this report.

There are no trees on adjoining properties that will be affected by this development.

4.3 SITE LOCATION

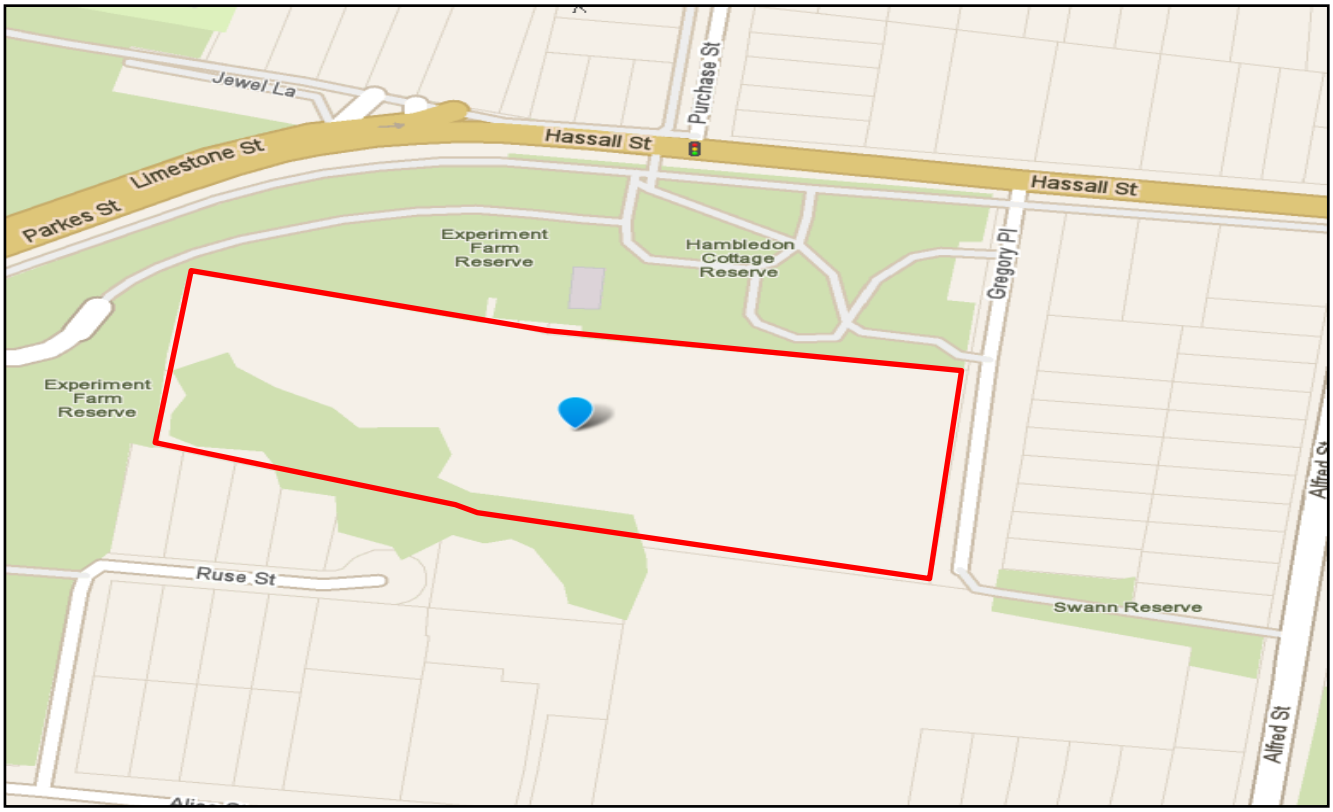


Figure 1 Shows the location of the site. Source *whereis.com.au*

4.4 AERIAL SITE LOCATION

Figure 2 Shows an aerial location of the site. Source Nearmaps.com

5.0 METHODOLOGY

This report is the result of a comprehensive site inspection undertaken on Friday 27th May 2022 and subsequent inspections by Horticultural Management Services (HMS).

The following tree assessment was undertaken using criteria based on the Tree Risk Assessment Guidelines by the International Society of Arboriculture. A Level 2 Visual Tree Assessment (VTA) was used as described in 'The Body language of trees – A handbook for Failure Analysis'. This involves inspection from ground height and includes only the external features of the trees. Trees on adjoining sites were assessed from within the site boundaries only and only within 5m of the site boundaries.

For reference throughout the report, each tree has been allocated an identification number listed in the Tree Assessment Summary table and identified on the tree location site plan.

Assessment of individual trees includes the following:

- Species identification (botanical and common),
- Height and form,
- Observations made including an evaluation of the tree's health and vigour using Crown spread and cover, foliage size, colour, extension growth, presence of disease or pest infestation, canopy density, presence of deadwood, dieback and epicormic growth as indicators,
- Condition, using visible evidence of structural defects, instability, evidence of previous pruning and physical damage as indicators,
- Suitability of the tree to the site and its existing location; in consideration of damage or potential damage to services or structures, available space for future development and nuisance issues,
- Likely future amenity based on a visual assessment,
- The trees tolerance to development impacts based on surface observations,
- Significance -specific heritage, cultural or intrinsic importance,
- Amenity value -as shade, windbreak etc or subjective, aesthetic values,
- Habitat value -both as an individual tree and as part of an ecological community,
- Observations of soil conditions and likely root spread,
- Overall condition assessment and suitability,
- Hazard/failure potential of tree to damage property or result in death,
- Safe Useful Life Expectancy (SULE) after Barrell (1995),

Retention Value was based on the subject tree's Remaining Life Expectancy Range and Landscape Significance. The Retention Value was modified where necessary to take in consideration the subject tree's health, structure, and site suitability.

Landscape Significance was determined by assessing the combination of the cultural, environmental, and aesthetic values of the subject trees. A subjective rating of high, moderate, low, or nil has been allocated to the trees. This provides a relative value of the trees' Landscape Significance which may aid in determining their Retention Value. A more detailed explanation is outlined Appendix B.7.

Tree height and canopy spread, were estimated only. Diameter at Breast Height (DBH) was determined by measuring the main stem at 1.4m above ground. Photos were taken of the subject trees and subject site for the inclusion in this tabled report.

The components of **tree risk assessment** include the trees failure potential or in the case of the proposed, an environment conductive to tree failure.

6.0 IMPACT ASSESSMENT

A summary of each tree identified within the site is outlined in section 6.0 TREE ASSESSMENT SUMMARY.

The assessment in each case has considered the following:

- Structural Root Zones (SRZ),
- Building works or footprint within TPZ or SRZ,
- Optimum Tree Protection Zones (TPZ) and Structural Root Zones (SRZ),
- SULE Rating for value of the tree assessed,
- Assessment of the likely impact of the proposed works,
- Recommendations for retention, management, or removal.

The components of tree risk assessment include the trees failure potential or in the case of land clearing/management, an environment conductive to tree failure.

Other factors are also considered related to the site, such as potential development or land use, soil condition and prevailing winds must be considered in conjunction when assessing the potential of failure for any tree.

7.0 TREE ASSESSMENT SUMMARY

Risk Matrix	Catastrophic	Major	Moderate	Low
	Urgent- Tree requires immediate removal due to WH&S concerns.	Tree requires removal as part of development application.	TPO Exempt due to species, height requirements and or approved to be removed by Council.	Tree to be retained, protected, and monitored

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
1	Large Leaf Privet *Ligustrum lucidum*	10	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
2	Large Leaf Privet *Ligustrum lucidum*	8	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
3	Large Leaf Privet *Ligustrum lucidum*	4	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
4	Large Leaf Privet *Ligustrum lucidum*	8	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
5	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
6	Large Leaf Privet *Ligustrum lucidum*	6	M/T	200	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
7	Large Leaf Privet *Ligustrum lucidum*	6	M/T	200	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
8	Large Leaf Privet *Ligustrum lucidum*	6	M/T	200	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
9	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
10	African olive *Olea europaea* subsp. *cuspidata*	6	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
11	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
12	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
13	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
14	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
15	African olive *Olea europaea* subsp. *cuspidata*	8	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
16	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
17	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
18	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
19	African olive *Olea europaea* subsp. *cuspidata*	6	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
20	European Hackberry *Celtis sinensis*	5	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
21	African olive *Olea europaea* subsp. *cuspidata*	6	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
22	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
23	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
24	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
25	European Hackberry *Celtis sinensis*	5	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
26	African olive *Olea europaea* subsp. *cuspidata*	6	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
27	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
28	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
29	African olive *Olea europaea* subsp. *cuspidata*	6	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
30	European Hackberry *Celtis sinensis*	5	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
31	Large Leaf Privet *Ligustrum lucidum*	7	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
32	Large Leaf Privet *Ligustrum lucidum*	8	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
33	Large Leaf Privet *Ligustrum lucidum*	9	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
34	Large Leaf Privet *Ligustrum lucidum*	10	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
35	Large Leaf Privet *Ligustrum lucidum*	10	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
36	European Hackberry *Celtis sinensis*	4	M/T	100	N/A	N/A	Mature	Good	Good	5	Nil	Nil to Low	Low	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
37	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
38	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
39	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
40	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
41	African olive *Olea europaea* subsp. *cuspidata*	6	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
42	Large Leaf Privet *Ligustrum lucidum*	5	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
43	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
44	African olive *Olea europaea* subsp. *cuspidata*	4	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity													
45	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
46	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity													
47	White Cedar *Melia azedarach*	7	200	240	1.9	2.4	Mature	Good	Good	3B	Nil	Low	Low	**No**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this adjoining tree is sufficiently distanced to be safely retained and protected, However, it is located in the adjoining Stormwater Channel. Consideration of its removal is recommended under Sydney Water, Part 6 Division 4 Section 46 of the Sydney Water Act 1994 due to this tree considered damaged to their infrastructure asset.													
48	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
49	Large Leaf Privet *Ligustrum lucidum*	4	M/T	220	2	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**Yes**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
50	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	2	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**Yes**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
51	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	2	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**Yes**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
52	Canary Island Date Palm *Phoenix canariensis*	7	600	600	N/A	N/A	Mature	Good	Good	3B	Nil	Low	Low	**No**
	Comments: This self-seeded minor palm tree is required to be removed based upon its location to the proposed development envelope, layout, site modifications and considered scope of works. Its removal is recommended under Sydney Water, Part 6 Division 4 Section 46 of the Sydney Water Act 1994 due to this palm trees considered damaged to the stormwater infrastructure asset. This minor palm tree will be replaced upon completion of the construction scope of works in the landscape master plan.													
53	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	2	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
54	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	2	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
55	Large Leaf Privet *Ligustrum lucidum*	6	M/T	220	2	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
56	Large Leaf Privet *Ligustrum lucidum*	7	M/T	220	2	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
57	Large Leaf Privet *Ligustrum lucidum*	7	M/T	200	2	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
58	African olive *Olea europaea* subsp. *cuspidata*	8	M/T	300	2	3.6	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
59	Large Leaf Privet *Ligustrum lucidum*	7	M/T	200	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
60	African olive *Olea europaea* subsp. *cuspidata*	4	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
61	Large Leaf Privet *Ligustrum lucidum*	7	M/T	200	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
62	African olive *Olea europaea* subsp. *cuspidata*	5	M/T	250	2	3	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
63	Large Leaf Privet *Ligustrum lucidum*	8	M/T	300	2	2.8	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
64	QLD Brushbox *Lophostemon confertus*	9	450	500	2.5	5.4	Mature	Good	Good to Fair	3	Nil	Low to Moderate	Low to Medium	**Yes**
	Comments: Based on plans tabled, this mature adjoining tree located within Hambledon Cottage Reserve is sufficiently distanced to be safely retained and protected with consideration to the building, basement excavation, and landscape works as per *Australian Standards - AS 4970-2009 Protection of trees on development sites.* The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its SRZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ. No scaffold branches or tree canopy is anticipated to be pruned based on the setback and design. This will ensure the trees natural aesthetic form. Any works within its TPZ will be hand dug and supervised by the project AQF L5 project Arborist. No hardscape landscaping is proposed within this trees SRZ to ensure its safe retention and longevity. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
65	Camphor laurel *Cinnamomum camphora*	8	M/T	250	N/A	N/A	Mature	Good	Good	5	Nil	Nil to Low	Low	**No**
	Comments: This self-seeded tree is required to be removed based upon its location to the proposed development envelope, layout, site modifications and considered scope of works. Its removal is recommended under Sydney Water, Part 6 Division 4 Section 46 of the Sydney Water Act 1994 due to the trees considered damaged to the stormwater infrastructure asset. This tree will be replaced upon completion of the construction scope of works in the landscape master plan.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
66	Large Leaf Privet *Ligustrum lucidum*	8	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
67	Large Leaf Privet *Ligustrum lucidum*	8	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
68	African olive *Olea europaea* subsp. *cuspidata*	6	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
69	Crepe Myrtle *Lagerstroemia indica*	4	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil to Low	Low	**No**
	Comments: Based on Councils Tree Management Policy, and DCP 2023, this small tree is TPO Exempt as it is located within 1m of an approved existing building and it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
70	Himalayan Cedar *Cedrus deodara*	9	800	1000	3.4	9.6	Mature	Fair to Poor	Poor	4	Nil	Nil to Low	Nil	**No**
	Comments: This planted tree is in Poor health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. All considerations, options regarding its retention was considered based on the proposed design, access requirements, considered construction requirements within the trees present location and site modifications that would result in the long term modifications to this trees natural environment (TPZ/SRZ) through but not limited to; surface root and soil compaction, loss of anchorage roots, natural water table redirection through the required cut and fill levels, service line installations that would result in the decline of the tree's health and overall stability. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
71	Lilly Pilly *syzygium luehmannii*	4.5	200	250	1.9	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this small hedging/screening tree is TPO Exempt as it does not mee the definition of a tree due to height requirements (Less than 5m), and it is located within 3m of the existing building and therefore it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
72	Lilly Pilly *syzygium luehmannii*	4.5	200	250	1.9	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this small hedging/screening tree is TPO Exempt as it does not mee the definition of a tree due to height requirements (Less than 5m), and it is located within 3m of the existing building and therefore it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
73	Lilly Pilly *syzygium luehmannii*	4.5	200	250	1.9	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this small hedging/screening tree is TPO Exempt as it does not mee the definition of a tree due to height requirements (Less than 5m), and it is located within 3m of the existing building and therefore it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
74	Lilly Pilly *syzygium luehmannii*	4.5	200	250	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this small hedging/screening tree is TPO Exempt as it does not mee the definition of a tree due to height requirements (Less than 5m), and it is located within 3m of the existing building and therefore it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
75	Lilly Pilly *syzygium luehmannii*	4.5	200	250	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this small hedging/screening tree is TPO Exempt as it does not mee the definition of a tree due to height requirements (Less than 5m), and it is located within 3m of the existing building and therefore it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
76	Lilly Pilly *syzygium luehmannii*	4.5	200	250	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this small hedging/screening tree is TPO Exempt as it does not mee the definition of a tree due to height requirements (Less than 5m), and it is located within 3m of the existing building and therefore it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
77	Lilly Pilly *syzygium luehmannii*	4.5	200	250	1.9	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this small hedging/screening tree is TPO Exempt as it does not mee the definition of a tree due to height requirements (Less than 5m), and it is located within 3m of the existing building and therefore it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
78	Lilly Pilly *syzygium luehmannii*	4.5	200	250	1.9	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this small hedging/screening tree is TPO Exempt as it does not mee the definition of a tree due to height requirements (Less than 5m), and it is located within 3m of the existing building and therefore it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
79	Weeping Bottlebrush *Callistemon viminalis*	5	M/T	250	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Councils Tree Management Policy, and DCP 2023, this small tree is TPO Exempt as it is located within 1m of an approved existing building and it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
80	Lilly Pilly *syzygium luehmannii*	4.5	200	250	1.9	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this small hedging/screening tree is TPO Exempt as it does not mee the definition of a tree due to height requirements (Less than 5m), and it is located within 3m of the existing building and therefore it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
81	Lilly Pilly *syzygium luehmannii*	4.5	200	250	1.9	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this small hedging/screening tree is TPO Exempt as it does not mee the definition of a tree due to height requirements (Less than 5m), and it is located within 3m of the existing building and therefore it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
82	*Tree has since been removed prior to assessment*													
	Comments: Tree has since been removed prior to assessment													
83	African olive *Olea europaea* subsp. *cuspidata*	6	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
84	*Tree has since been removed prior to assessment*													
	Comments: Tree has since been removed prior to assessment. This tree is not on the subject property.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
85	African olive *Olea europaea* subsp. *cuspidata*	7	M/T	400	2.3	3.6	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
86	Large Leaf Privet *Ligustrum lucidum*	8	M/T	300	2	2.4	Mature	Good	Good	3B	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
87	Hills Weeping Fig *Ficus microcarpa hillii*	12	350	400	2.3	4.2	Mature	Good	Good	2	Low	Moderate	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this adjoining tree is sufficiently distanced to be safely retained and protected. It is located in the corner of the property with no works anticipated in its TPZ. The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its SRZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ. No scaffold branches or tree canopy is anticipated to be pruned based on the building setback and roof design. This will ensure the trees natural aesthetic form. This tree will be retention, protected and managed in accordance with best practice guidelines and *Australian Standards - AS 4970-2009 Protection of trees on development sites.* All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
88	Hills Weeping Fig *Ficus microcarpa hillii*	12	350	400	2.3	4.2	Mature	Good	Good	2	Low	Moderate	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this adjoining tree is sufficiently distanced to be safely retained and protected. It is located in the corner of the property with no works anticipated in its TPZ. The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its SRZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ. No scaffold branches or tree canopy is anticipated to be pruned based on the building setback and roof design. This will ensure the trees natural aesthetic form. This tree will be retention, protected and managed in accordance with best practice guidelines and *Australian Standards - AS 4970-2009 Protection of trees on development sites.* All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
89	Mediterranean cypress *Cupressus sempervirens*	12	250	280	N/A	N/A	Mature	Dead	Dead	4A	Nil	Nil	Low	**No**
	Comments: Based on Councils Tree Management Policy, and DCP 2023, this dead tree is TPO Exempt as it is located within 3m of the existing building and therefore may be removed without further consideration.													
89A	Mock Orange *Murraya paniculata*	4	M/T	250	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Low	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this small tree is TPO Exempt as it does not mee the definition of a tree due to height requirements (Less than 5m), and it is located within 3m of the existing building and therefore it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
90	Lilly Pilly *syzygium luehmannii*	7	220	250	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: This planted tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. All considerations, options regarding its retention was considered based on the proposed design, access requirements, considered construction requirements within the trees present location and site modifications that would result in the long term modifications to this trees natural environment (TPZ/SRZ) through but not limited to; surface root and soil compaction, loss of anchorage roots, natural water table redirection through the required cut and fill levels, service line installations that would result in the decline of the tree's health and overall stability. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
91	Lilly Pilly *syzygium luehmannii*	6	200	250	1.9	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: This planted tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. All considerations, options regarding its retention was considered based on the proposed design, access requirements, considered construction requirements within the trees present location and site modifications that would result in the long term modifications to this trees natural environment (TPZ/SRZ) through but not limited to; surface root and soil compaction, loss of anchorage roots, natural water table redirection through the required cut and fill levels, service line installations that would result in the decline of the tree's health and overall stability. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
92	Lilly Pilly *syzygium luehmannii*	7	200	250	1.9	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: This planted tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. All considerations, options regarding its retention was considered based on the proposed design, access requirements, considered construction requirements within the trees present location and site modifications that would result in the long term modifications to this trees natural environment (TPZ/SRZ) through but not limited to; surface root and soil compaction, loss of anchorage roots, natural water table redirection through the required cut and fill levels, service line installations that would result in the decline of the tree's health and overall stability. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
93	Lilly Pilly *syzygium luehmannii*	7	200	250	1.9	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: This planted tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. All considerations, options regarding its retention was considered based on the proposed design, access requirements, considered construction requirements within the trees present location and site modifications that would result in the long term modifications to this trees natural environment (TPZ/SRZ) through but not limited to; surface root and soil compaction, loss of anchorage roots, natural water table redirection through the required cut and fill levels, service line installations that would result in the decline of the tree's health and overall stability. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
94	Lilly Pilly *syzygium luehmannii*	7	200	250	1.9	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: This planted tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. All considerations, options regarding its retention was considered based on the proposed design, access requirements, considered construction requirements within the trees present location and site modifications that would result in the long term modifications to this trees natural environment (TPZ/SRZ) through but not limited to; surface root and soil compaction, loss of anchorage roots, natural water table redirection through the required cut and fill levels, service line installations that would result in the decline of the tree's health and overall stability. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
95	Saucer Magnolia *Magnolia × soulangeana*	4.5	M/T	250	M/T	M/T	Mature	Good	Good	5	Nil	Nil to Low	Low	**No**
	Comments: This planted tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. All considerations, options regarding its retention was considered based on the proposed design, access requirements, considered construction requirements within the trees present location and site modifications that would result in the long term modifications to this trees natural environment (TPZ/SRZ) through but not limited to; surface root and soil compaction, loss of anchorage roots, natural water table redirection through the required cut and fill levels, service line installations that would result in the decline of the tree's health and overall stability. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
96	Large Leaf Privet *Ligustrum lucidum*	8	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
97	Large Leaf Privet *Ligustrum lucidum*	5	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
98	Saucer Magnolia *Magnolia × soulangeana*	4.5	M/T	250	M/T	M/T	Mature	Good	Good	5	Nil	Nil to Low	Low	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this small tree is TPO Exempt as it does not mee the definition of a tree due to height requirements (Less than 5m), and it is located within 3m of the existing building and therefore it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
99	Camphor laurel *Cinnamomum camphora*	3	M/T	290	N/A	N/A	Mature	Good	Good	5	Nil	Nil to Low	Low	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this small tree is TPO Exempt as it does not mee the definition of a tree due to height requirements (Less than 5m), and it is located within 3m of the existing building and therefore it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
100	Camphor laurel *Cinnamomum camphora*	3	M/T	250	N/A	N/A	Mature	Good	Good	5	Nil	Nil to Low	Low	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this small tree is TPO Exempt as it does not mee the definition of a tree due to height requirements (Less than 5m), and it is located within 3m of the existing building and therefore it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
101	Camellia *Camellia japonica*	3.5	M/T	250	N/A	N/A	Mature	Good	Good	5	Nil	Nil to Low	Low	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this small tree is TPO Exempt as it does not mee the definition of a tree due to height requirements (Less than 5m), and it is located within 3m of the existing building and therefore it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
102	Golden Cane Palm *Dypsis lutescens*	9	M/T	400	N/A	N/A	Mature	Good	Good	5	Nil	Nil to Low	Low	**No**
	Comments: This planted ornamental tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. Based on Councils previous Tree Management Policy (DCP 2011, Clause 5.9), this tree is TPO Exempt (less than 3m of an approved building) as it is located within 1m of an approved building wall in a planter bed and it may be removed without further consideration. All considerations, options regarding its retention were considered based on the proposed design, access requirements, considered construction requirements within the tree's present location and site modifications. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
103	Golden Robinia *Robinia pseudoacacia 'Frisia'*	6	M/T	200	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: This planted ornamental tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. Based on Councils previous Tree Management Policy (DCP 2011, Clause 5.9), this tree is TPO Exempt (less than 3m of an approved building) as it is located within 1m of an approved building wall in a planter bed and it may be removed without further consideration. All considerations, options regarding its retention were considered based on the proposed design, access requirements, considered construction requirements within the tree's present location and site modifications. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
104	Golden Robinia *Robinia pseudoacacia 'Frisia'*	6	M/T	200	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: This planted ornamental tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. Based on Councils previous Tree Management Policy (DCP 2011, Clause 5.9), this tree is TPO Exempt (less than 3m of an approved building) as it is located within 1m of an approved building wall in a planter bed and it may be removed without further consideration. All considerations, options regarding its retention were considered based on the proposed design, access requirements, considered construction requirements within the tree's present location and site modifications. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
105	Golden Robinia *Robinia pseudoacacia 'Frisia'*	6	M/T	200	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: This planted ornamental tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. Based on Councils previous Tree Management Policy (DCP 2011, Clause 5.9), this tree is TPO Exempt (less than 3m of an approved building) as it is located within 1m of an approved building wall in a planter bed and it may be removed without further consideration. All considerations, options regarding its retention were considered based on the proposed design, access requirements, considered construction requirements within the tree's present location and site modifications. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
106	Weeping Bottlebrush *Callistemon viminalis*	5	M/T	200	N/A	N/A	Mature	Good	Good	3	Nil	Nil	Nil	**No**
	Comments: This planted ornamental tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. Based on Councils previous Tree Management Policy (DCP 2011, Clause 5.9), this tree is TPO Exempt (less than 3m of an approved building) as it is located within 1m of an approved building wall in a planter bed and it may be removed without further consideration. All considerations, options regarding its retention were considered based on the proposed design, access requirements, considered construction requirements within the tree's present location and site modifications. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
107	Weeping Bottlebrush *Callistemon viminalis*	6	M/T	200	N/A	N/A	Mature	Good	Good	3	Nil	Nil	Nil	**No**
	Comments: This planted ornamental tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. Based on Councils previous Tree Management Policy (DCP 2011, Clause 5.9), this tree is TPO Exempt (less than 3m of an approved building) as it is located within 1m of an approved building wall in a planter bed and it may be removed without further consideration. All considerations, options regarding its retention were considered based on the proposed design, access requirements, considered construction requirements within the tree's present location and site modifications. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
108	Crepe Myrtle *Lagerstroemia indica*	5	M/T	250	N/A	N/A	Mature	Good	Good	5	Nil	Nil to Low	Low	**No**
	Comments: This planted ornamental tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. Based on Councils previous Tree Management Policy (DCP 2011, Clause 5.9), this tree is TPO Exempt (less than 3m of an approved building) as it is located within 1m of an approved building wall in a planter bed and it may be removed without further consideration. All considerations, options regarding its retention were considered based on the proposed design, access requirements, considered construction requirements within the tree's present location and site modifications. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
109	Golden Cane Palm *Dypsis lutescens*	6	M/T	400	N/A	N/A	Mature	Good	Good	5	Nil	Nil to Low	Low	**No**
	Comments: This planted ornamental tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. Based on Councils previous Tree Management Policy (DCP 2011, Clause 5.9), this tree is TPO Exempt (less than 3m of an approved building) as it is located within 1m of an approved building wall in a planter bed and it may be removed without further consideration. All considerations, options regarding its retention were considered based on the proposed design, access requirements, considered construction requirements within the tree's present location and site modifications. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
110	Weeping Bottlebrush *Callistemon viminalis*	6	M/T	200	N/A	N/A	Mature	Good	Good	3	Nil	Nil	Nil	**No**
	Comments: This planted ornamental tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. Based on Councils previous Tree Management Policy (DCP 2011, Clause 5.9), this tree is TPO Exempt (less than 3m of an approved building) as it is located within 1m of an approved building wall in a planter bed and it may be removed without further consideration. All considerations, options regarding its retention were considered based on the proposed design, access requirements, considered construction requirements within the tree's present location and site modifications. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
111	Mexican Fan Palm *Washingtonia robusta*	15	400	500	N/A	N/A	Mature	Good	Good	3	Nil	Low	Low	**No**
	Comments: This planted ornamental tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. Based on Councils previous Tree Management Policy (DCP 2011, Clause 5.9), this tree is TPO Exempt (less than 3m of an approved building) as it is located within 1m of an approved building wall in a planter bed and it may be removed without further consideration. All considerations, options regarding its retention were considered based on the proposed design, access requirements, considered construction requirements within the tree's present location and site modifications. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
112	Weeping Bottlebrush *Callistemon viminalis*	4	M/T	200	N/A	N/A	Mature	Good	Good	3	Nil	Nil	Nil	**No**
	Comments: This planted ornamental tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. Based on Councils previous Tree Management Policy (DCP 2011, Clause 5.9), this tree is TPO Exempt (less than 3m of an approved building) as it is located within 1m of an approved building wall in a planter bed and it may be removed without further consideration. All considerations, options regarding its retention were considered based on the proposed design, access requirements, considered construction requirements within the tree's present location and site modifications. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
113	Weeping Bottlebrush *Callistemon viminalis*	6	M/T	200	N/A	N/A	Mature	Good	Good	3	Nil	Nil	Nil	**No**
	Comments: This planted ornamental tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. Based on Councils previous Tree Management Policy (DCP 2011, Clause 5.9), this tree is TPO Exempt (less than 3m of an approved building) as it is located within 1m of an approved building wall in a planter bed and it may be removed without further consideration. All considerations, options regarding its retention were considered based on the proposed design, access requirements, considered construction requirements within the tree's present location and site modifications. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
114	Jacaranda *Jacaranda mimosifolia*	7	120	200	N/A	N/A	Mature	Good	Good	3	Nil	Nil	Nil	**No**
	Comments: This planted ornamental tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. Based on Councils previous Tree Management Policy (DCP 2011, Clause 5.9), this tree is TPO Exempt (less than 3m of an approved building) as it is located within 1m of an approved building wall in a planter bed and it may be removed without further consideration. All considerations, options regarding its retention were considered based on the proposed design, access requirements, considered construction requirements within the tree's present location and site modifications. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
115	Weeping Bottlebrush *Callistemon viminalis*	6	M/T	200	N/A	N/A	Mature	Good	Good	3	Nil	Nil	Nil	**No**
	Comments: This planted ornamental tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. Based on Councils previous Tree Management Policy (DCP 2011, Clause 5.9), this tree is TPO Exempt (less than 3m of an approved building) as it is located within 1m of an approved building wall in a planter bed and it may be removed without further consideration. All considerations, options regarding its retention were considered based on the proposed design, access requirements, considered construction requirements within the tree's present location and site modifications. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
116	Jacaranda *Jacaranda mimosifolia*	6	M/T	200	N/A	N/A	Mature	Good	Good	3	Nil	Nil	Nil	**No**
	Comments: This planted ornamental tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. Based on Councils previous Tree Management Policy (DCP 2011, Clause 5.9), this tree is TPO Exempt (less than 3m of an approved building) as it is located within 1m of an approved building wall in a planter bed and it may be removed without further consideration. All considerations, options regarding its retention were considered based on the proposed design, access requirements, considered construction requirements within the tree's present location and site modifications. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
117	Camellia *Camellia japonica*	3	M/T	250	1.9	2.4	Mature	Good	Good	5	Nil	Nil to Low	Low	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this small tree is TPO Exempt as it does not mee the definition of a tree due to height requirements (Less than 5m), and it is located within 3m of the existing building and therefore it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
118	Umbrella tree *Schefflera actinophylla*	8	M/T	400	N/A	N/A	Mature	Good	Good	5	Nil to Low	Low	Low	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
119	White Cedar *Melia azedarach*	9	M/T	500	2.5	6	Mature	Good	Good	3B	Nil	Low	Low	**No**
	Comments: This planted tree is required to be removed based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. All considerations, options regarding its retention was considered based on the proposed design, access requirements, considered construction requirements within the trees present location and site modifications that would result in the long term modifications to this trees natural environment (TPZ/SRZ) through but not limited to; surface root and soil compaction, loss of anchorage roots, natural water table redirection through the required cut and fill levels, service line installations that would result in the decline of the tree's health and overall stability. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
120	Jacaranda *Jacaranda mimosifolia*	7	230	250	1.9	2.8	Mature	Good	Good	3	Low	Low	Low	**No**
	Comments: This planted tree is required to be removed based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. All considerations, options regarding its retention was considered based on the proposed design, access requirements, considered construction requirements within the trees present location and site modifications that would result in the long term modifications to this trees natural environment (TPZ/SRZ) through but not limited to; surface root and soil compaction, loss of anchorage roots, natural water table redirection through the required cut and fill levels, service line installations that would result in the decline of the tree's health and overall stability. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
121	Jacaranda *Jacaranda mimosifolia*	8	250	290	2	3	Mature	Good	Good	3	Low	Low	Low	**Yes**
	Comments: Based on plans tabled, this mature adjoining tree located within Hambledon Cottage Reserve is sufficiently distanced to be safely retained and protected with consideration to the building, basement excavation, and landscape works as per *Australian Standards - AS 4970-2009 Protection of trees on development sites.* Whilst minor incursion to its TPZ is anticipated based on a new green field site, this isn't correct as an existing brick retaining wall runs parallel to the boundary fence ensuring no structural or feeder roots will be impacted as per diagram Section 9.2.1 Tree Management Plan. The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its SRZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ. No scaffold branches or tree canopy is anticipated to be pruned based on the setback and design. This will ensure the trees natural aesthetic form. Any works within its TPZ will be hand dug and supervised by the project AQF L5 project Arborist. No hardscape landscaping is proposed within this trees SRZ to ensure its safe retention and longevity. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
122	Camellia *Camellia japonica*	3	M/T	250	1.9	2.4	Mature	Good	Good	5	Nil	Nil to Low	Low	**Yes**
	Comments: Based on plans tabled, this mature adjoining minor ornamental tree is sufficiently distanced to be safely retained and protected with consideration to the building, basement excavation, and landscape works as per *Australian Standards - AS 4970-2009 Protection of trees on development sites.* The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its SRZ. No scaffold branches or tree canopy is anticipated to be pruned based on the setback and design. This will ensure the trees natural aesthetic form. Any works within its TPZ will be hand dug and supervised by the project AQF L5 project Arborist. No hardscape landscaping is proposed within this trees SRZ to ensure its safe retention and longevity. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
123	Box Elder *Acer negundo*	8	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: This planted ornamental tree is a nuisance environmental weed species in good health, and it removal is supported to assist adjoining trees longevity. Based on Parramatta Councils Tree Management Policy (DCP 2011, Clause 5.9, table 5.4.3.1), this is tree species is listed as being TPO Exempt, and it may be removed without further consideration. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
124	Box Elder *Acer negundo*	6	M/T	380	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: This planted ornamental tree is a nuisance environmental weed species in good health, and its removal is supported to assist adjoining trees longevity. Based on Parramatta Councils Tree Management Policy (DCP 2011, Clause 5.9, table 5.4.3.1), this is tree species is listed as being TPO Exempt, and it may be removed without further consideration. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
125	Camellia *Camellia japonica*	3	M/T	250	1.9	2.4	Mature	Good	Good	5	Nil	Nil to Low	Low	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this small tree is TPO Exempt as it does not mee the definition of a tree due to height requirements (Less than 5m), and it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
126	Camellia *Camellia japonica*	3	M/T	250	1.9	2.4	Mature	Good	Good	5	Nil	Nil to Low	Low	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this small tree is TPO Exempt as it does not mee the definition of a tree due to height requirements (Less than 5m), and it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
127	Sweet Pittosporum *Pittosporum undulatum*	8	280	300	2	3.4	Mature	Good	Good	3	Low	Low	Medium	**Yes**
	Comments: Based on plans tabled, this mature adjoining tree is located within Hambledon Cottage Reserve and is sufficiently distanced to be safely retained and protected with consideration to the building, basement excavation, and landscape works as per *Australian Standards - AS 4970-2009 Protection of trees on development sites.* No incursion to its TPZ is anticipated based on its separation distance and it will be managed as per Section 9.2.1 Tree Management Plan. The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its SRZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ. No scaffold branches or tree canopy is anticipated to be pruned based on the setback and design. This will ensure the trees natural aesthetic form. Any works within its TPZ will be hand dug and supervised by the project AQF L5 project Arborist. No hardscape landscaping is proposed within this trees SRZ to ensure its safe retention and longevity. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
128	Jacaranda *Jacaranda mimosifolia*	8	250	290	2	3	Mature	Good	Good	3	Low	Low	Low	**No**
	Comments: This planted tree is required to be removed based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. All considerations, options regarding its retention was considered based on the proposed design, access requirements, considered construction requirements within the trees present location and site modifications that would result in the long term modifications to this trees natural environment (TPZ/SRZ) through but not limited to; surface root and soil compaction, loss of anchorage roots, natural water table redirection through the required cut and fill levels, service line installations that would result in the decline of the tree's health and overall stability. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
129	Sweet Pittosporum *Pittosporum undulatum*	8	280	300	2	3.4	Mature	Good	Good	3	Low	Low	Medium	**No**
	Comments: This planted tree is required to be removed based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. All considerations, options regarding its retention was considered based on the proposed design, access requirements, considered construction requirements within the trees present location and site modifications that would result in the long term modifications to this trees natural environment (TPZ/SRZ) through but not limited to; surface root and soil compaction, loss of anchorage roots, natural water table redirection through the required cut and fill levels, service line installations that would result in the decline of the tree's health and overall stability. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
130	Camellia *Camellia japonica*	3	M/T	250	1.9	2.4	Mature	Good	Good	5	Nil	Nil to Low	Low	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this small tree is TPO Exempt as it does not mee the definition of a tree due to height requirements (Less than 5m), and it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
131	European Hackberry *Celtis australis*	14	690	750	3	8.3	Mature	Good	Good	3B	Nil	Moderate to High	Medium	**Yes**
	Comments: Based on plans tabled, this mature adjoining tree located within Hambledon Cottage Reserve is sufficiently distanced to be safely retained and protected with consideration to the building, basement excavation, and landscape works as per *Australian Standards - AS 4970-2009 Protection of trees on development sites.* Whilst minor incursion to its TPZ is anticipated based on a new green field site, this isn't correct as an existing brick retaining wall runs parallel to the boundary fence ensuring no structural or feeder roots will be impacted as per diagram Section 9.2.1 Tree Management Plan. The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its SRZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ. No scaffold branches or tree canopy is anticipated to be pruned based on the setback and design. This will ensure the trees natural aesthetic form. Any works within its TPZ will be hand dug and supervised by the project AQF L5 project Arborist. No hardscape landscaping is proposed within this trees SRZ to ensure its safe retention and longevity. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
132	Liquidambar *Liquidambar styraciflua*	15	720	830	3.1	8.7	Mature	Good	Good	3	Nil	Moderate to High	Medium	**Yes**
	Comments: Based on plans tabled, this mature adjoining tree located within Hambledon Cottage Reserve is sufficiently distanced to be safely retained and protected with consideration to the building, basement excavation, and landscape works as per *Australian Standards - AS 4970-2009 Protection of trees on development sites.* Whilst minor incursion to its TPZ is anticipated based on a new green field site, this isn't correct as an existing brick retaining wall runs parallel to the boundary fence ensuring no structural or feeder roots will be impacted as per diagram Section 9.2.1 Tree Management Plan. The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its SRZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ. No scaffold branches or tree canopy is anticipated to be pruned based on the setback and design. This will ensure the trees natural aesthetic form. Any works within its TPZ will be hand dug and supervised by the project AQF L5 project Arborist. No hardscape landscaping is proposed within this trees SRZ to ensure its safe retention and longevity. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
133	*Tree has since been removed prior to assessment*													
	Comments: Tree has since been removed prior to assessment													
134	European Hackberry *Celtis Sinensis*	8	300 330	500	2.5	3.6	Mature	Good	Good	3B	Nil	Moderate to High	Medium	**Yes**
	Comments: Based on plans tabled, this mature adjoining tree located within Hambledon Cottage Reserve is sufficiently distanced to be safely retained and protected with consideration to the building, basement excavation, and landscape works as per *Australian Standards - AS 4970-2009 Protection of trees on development sites.* Whilst minor incursion to its TPZ is anticipated based on a new green field site, this isn't correct as an existing brick retaining wall runs parallel to the boundary fence ensuring no structural or feeder roots will be impacted as per diagram Section 9.2.1 Tree Management Plan. The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its SRZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ. No scaffold branches or tree canopy is anticipated to be pruned based on the setback and design. This will ensure the trees natural aesthetic form. Any works within its TPZ will be hand dug and supervised by the project AQF L5 project Arborist. No hardscape landscaping is proposed within this trees SRZ to ensure its safe retention and longevity. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
135	European Hackberry *Celtis sinensis*	7	300	320	2.1	3.6	Mature	Good	Good	3B	Nil	Moderate to High	Medium	**Yes**
	Comments: Based on plans tabled, this mature adjoining tree located within Hambledon Cottage Reserve is sufficiently distanced to be safely retained and protected with consideration to the building, basement excavation, and landscape works as per *Australian Standards - AS 4970-2009 Protection of trees on development sites.* Whilst minor incursion to its TPZ is anticipated based on a new green field site, this isn't correct as an existing brick retaining wall runs parallel to the boundary fence ensuring no structural or feeder roots will be impacted as per diagram Section 9.2.1 Tree Management Plan. The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its SRZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ. No scaffold branches or tree canopy is anticipated to be pruned based on the setback and design. This will ensure the trees natural aesthetic form. Any works within its TPZ will be hand dug and supervised by the project AQF L5 project Arborist. No hardscape landscaping is proposed within this trees SRZ to ensure its safe retention and longevity. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
136	Large Leaf Privet *Ligustrum lucidum*	7	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this adjoining nuisance weed species tree is sufficiently distanced to be safely retained and protected. Tree protection fencing may also be considered to ensure the retention of this tree.													
137	European Hackberry *Celtis sinensis*	5	M/T	300	2	3.6	Mature	Good	Good	3B	Nil	Nil	Nil	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this minor tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
138	European Hackberry *Celtis sinensis*	8	M/T	300	2	3.6	Mature	Good	Good	3B	Nil	Nil	Nil	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
139	Tree Stump													
	Comments: Tree Stump with epicormic regrowth													
140	Wallangarra White Gum *Eucalyptus scoparia*	12	300	450	2.4	3.6	Mature	Good	Good	2	Medium	Moderate	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
141	Blue Gum *Eucalyptus saligna*	10	220	250	1.9	2.7	Mature	Good	Good	2	Medium	Moderate	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
142	Blue Gum *Eucalyptus saligna*	15	650	700	2.9	7.8	Mature	Good	Good	2	Medium	Moderate	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
143	Wallangarra White Gum *Eucalyptus scoparia*	6	300	450	2.4	3.6	Mature	Fair	Fair to Poor	4	Low	Low	Low	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
144	Silky Oak *Grevillea robusta*	9	280	300	2	3.4	Mature	Good to Fair	Good	3	Nil to Low	Low	Low	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
145	Lemon Scented Gum *Corymbia citriodora*	10	280	400	2.3	3.4	Mature	Good	Good	2	Medium	Moderate	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
146	European Hackberry *Celtis sinensis*	6	200	250	1.9	2.4	Mature	Good	Good	3B	Nil	Nil	Nil	**Yes**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, however, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
147	Lemon Scented Gum *Corymbia citriodora*	10	280	400	2.3	3.4	Mature	Good	Good	2	Medium	Moderate	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
148	Lemon Scented Gum *Corymbia citriodora*	14	280	400	2.3	3.4	Mature	Good	Good	2	Medium	Moderate	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
149	Lemon Scented Gum *Corymbia citriodora*	14	280	400	2.3	3.4	Mature	Good	Good	2	Medium	Moderate	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
150	Lemon Scented Gum *Corymbia citriodora*	12	280	400	2.3	3.4	Mature	Good	Good	2	Medium	Moderate	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
151	Large Leaf Privet *Ligustrum lucidum*	7	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
152	Lemon Scented Gum *Corymbia citriodora*	12	280	400	2.3	3.4	Mature	Good	Good	2	Medium	Moderate	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
153	Bangalay *Eucalyptus botryoides*	12	300	450	2.4	3.6	Mature	Good	Good	2	Medium	Moderate	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
154	Bangalay *Eucalyptus botryoides*	12	300	450	2.4	3.6	Mature	Good	Good	2	Medium	Moderate	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
155	Lemon Scented Gum *Corymbia citriodora*	12	280	400	2.3	3.4	Mature	Good	Good	2	Medium	Moderate	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
156	Lemon Scented Gum *Corymbia citriodora*	10	280	400	2.3	3.4	Mature	Good	Good	2	Medium	Moderate	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
157	Large Leaf Privet *Ligustrum lucidum*	7	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
158	QLD Brushbox *Lophostemon confertus*	12	600	740	N/A	N/A	Mature	Good	Good to Fair	3	Low	Moderate to High	Medium to High	**No**
	Comments: This planted ornamental tree is in good to fair health and condition, however, based on its location within the proposed building envelope, basement excavation works and considered scope of works, this tree is required to be removed. All considerations, options regarding its retention were considered based on the proposed design, access requirements, considered construction and service line requirements within the tree's present location. No roosting or habitat hollows were observed, and in summary, this trees removal is supported, furthermore, based on the trees considered root mass and envelope this tree is recommended to be removed under Sydney Water, Part 6 Division 4 Section 46 of the Sydney Water Act 1994 due to this tree considered damaged to their infrastructure asset. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
159	Lemon Scented Gum *Corymbia citriodora*	10	280	400	N/A	N/A	Mature	Good	Good	2	Medium	Moderate	Medium to High	**No**
	Comments: This tree is in good health and condition, however, based on its location within the proposed building envelope, basement excavation works and considered scope of works, this tree is required to be removed. All considerations, options regarding its retention were considered based on the proposed design, access requirements, considered construction and service line requirements within the tree's present location. No roosting or habitat hollows were observed, and in summary, this trees removal is supported, furthermore, based on the trees considered root mass and envelope this tree is recommended to be removed under Sydney Water, Part 6 Division 4 Section 46 of the Sydney Water Act 1994 due to this tree considered damaged to their infrastructure asset. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
160	Large Leaf Privet *Ligustrum lucidum*	7	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
161	Canary Island Date Palm *Phoenix canariensis*	6	450	500	N/A	N/A	Mature	Good	Good	3B	Nil	Low	Low	**No**
	Comments: This self-seeded palm tree is in good health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. All considerations, options regarding its retention was considered based on the proposed design, access requirements, considered construction requirements within the trees present location and site modifications that would result in the long term modifications to this trees natural environment (TPZ/SRZ) through but not limited to; surface root and soil compaction, loss of anchorage roots, natural water table redirection through the required cut and fill levels, service line installations that would result in the decline of the tree's health and overall stability. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
162	Large Leaf Privet *Ligustrum lucidum*	7	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
163	Large Leaf Privet *Ligustrum lucidum*	7	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
164	Wallangarra White Gum *Eucalyptus scoparia*	12	300	450	N/A	N/A	Mature	Fair to Poor	Poor	4	Low	Low	Low	**No**
	Comments: This tree is in poor health and condition, however, based on its location within the proposed building envelope, basement excavation works and considered scope of works, this tree is required to be removed. All considerations, options regarding its retention were considered based on the proposed design, access requirements, considered construction and service line requirements within the tree's present location. No roosting or habitat hollows were observed, and in summary, this trees removal is supported, furthermore, based on the trees considered root mass and envelope this tree is recommended to be removed under Sydney Water, Part 6 Division 4 Section 46 of the Sydney Water Act 1994 due to this tree considered damaged to their infrastructure asset. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
165	QLD Brushbox *Lophostemon confertus*	12	350	400	N/A	N/A	Mature	Fair	Good to Fair	3	Low	Moderate to High	Medium to High	**No**
	Comments: This tree is in good health and condition, however, based on its location within the proposed building envelope, basement excavation works and considered scope of works, this tree is required to be removed. All considerations, options regarding its retention were considered based on the proposed design, access requirements, considered construction and service line requirements within the tree's present location. No roosting or habitat hollows were observed, and in summary, this trees removal is supported, furthermore, based on the trees considered root mass and envelope this tree is recommended to be removed under Sydney Water, Part 6 Division 4 Section 46 of the Sydney Water Act 1994 due to this tree considered damaged to their infrastructure asset. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
166	QLD Brushbox *Lophostemon confertus*	12	350	400	N/A	N/A	Mature	Fair	Good to Fair	3	Low	Moderate to High	Medium to High	**No**
	Comments: This planted tree is in fair health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is required to be removed. All considerations, options regarding its retention was considered based on the proposed design, access requirements, considered construction requirements within the trees present location and site modifications that would result in the long term modifications to this trees natural environment (TPZ/SRZ) through but not limited to; surface root and soil compaction, loss of anchorage roots, natural water table redirection through the required cut and fill levels, service line installations that would result in the decline of the tree's health and overall stability. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
167	Canary Island Date Palm *Phoenix canariensis*	4	450	500	N/A	N/A	Mature	Good	Good	3B	Nil	Low	Low	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this self-seeded palm tree is TPO Exempt as it does not meet the definition of a tree due to height requirements (Less than 5m), and it is located within 3m of the existing building and therefore it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
168	Large Leaf Privet *Ligustrum lucidum*	7	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
169	Large Leaf Privet *Ligustrum lucidum*	7	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
170	Large Leaf Privet *Ligustrum lucidum*	5	M/T	250	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
171	Large Leaf Privet *Ligustrum lucidum*	7	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
172	Large Leaf Privet *Ligustrum lucidum*	7	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
173	Large Leaf Privet *Ligustrum lucidum*	7	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
174	QLD Brushbox *Lophostemon confertus*	12	700	800	3.1	8.4	Mature	Good	Good to Fair	3	Low	Moderate to High	Medium to High	**Yes**
	Comments: Based on plans tabled, this mature adjoining tree located within Hambledon Cottage Reserve is sufficiently distanced to be safely retained and protected with consideration to the building, basement excavation, and landscape works as per *Australian Standards - AS 4970-2009 Protection of trees on development sites.* Whilst minor incursion to its TPZ is anticipated based on a new green field site, this isn't correct as an existing brick retaining wall runs parallel to the boundary fence ensuring no structural or feeder roots will be impacted as per diagram Section 9.2.1 Tree Management Plan. The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its SRZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ. No scaffold branches or tree canopy is anticipated to be pruned based on the setback and design. This will ensure the trees natural aesthetic form. Any works within its TPZ will be hand dug and supervised by the project AQF L5 project Arborist. No hardscape landscaping is proposed within this trees SRZ to ensure its safe retention and longevity. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
175	QLD Brushbox *Lophostemon confertus*	12	600	750	3.1	7.2	Mature	Good	Good to Fair	3	Low	Moderate to High	Medium to High	**Yes**
	Comments: Based on plans tabled, this mature adjoining tree located within Hambledon Cottage Reserve is sufficiently distanced to be safely retained and protected with consideration to the building, basement excavation, and landscape works as per *Australian Standards - AS 4970-2009 Protection of trees on development sites.* Whilst minor incursion to its TPZ is anticipated based on a new green field site, this isn't correct as an existing brick retaining wall runs parallel to the boundary fence ensuring no structural or feeder roots will be impacted as per diagram Section 9.2.1 Tree Management Plan. The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its SRZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ. No scaffold branches or tree canopy is anticipated to be pruned based on the setback and design. This will ensure the trees natural aesthetic form. Any works within its TPZ will be hand dug and supervised by the project AQF L5 project Arborist. No hardscape landscaping is proposed within this trees SRZ to ensure its safe retention and longevity. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
176	QLD Brushbox *Lophostemon confertus*	12	600	750	3.1	7.2	Mature	Good	Good to Fair	3	Low	Moderate to High	Medium to High	**Yes**
	Comments: Based on plans tabled, this mature adjoining tree located within Hambledon Cottage Reserve is sufficiently distanced to be safely retained and protected with consideration to the building, basement excavation, and landscape works as per *Australian Standards - AS 4970-2009 Protection of trees on development sites.* Whilst minor incursion to its TPZ is anticipated based on a new green field site, this isn't correct as an existing brick retaining wall runs parallel to the boundary fence ensuring no structural or feeder roots will be impacted as per diagram Section 9.2.1 Tree Management Plan. The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its SRZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ. No scaffold branches or tree canopy is anticipated to be pruned based on the setback and design. This will ensure the trees natural aesthetic form. Any works within its TPZ will be hand dug and supervised by the project AQF L5 project Arborist. No hardscape landscaping is proposed within this trees SRZ to ensure its safe retention and longevity. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
177	QLD Brushbox *Lophostemon confertus*	12	600	750	3.1	7.2	Mature	Good	Good to Fair	3	Low	Moderate to High	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its SRZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ. No scaffold branches or tree canopy is anticipated to be pruned based on the building setback and roof design. This will ensure the trees natural aesthetic form. The tabled carpark and building envelope configuration have been considered, with this tree being protected and managed in accordance with best practice guidelines and *Australian Standards - AS 4970-2009 Protection of trees on development sites.* This tree is able to accommodate these works and be unimpacted. Any carpark kerb and gutter works within its TPZ contrary to this scope of works, are to be hand dug and supervised by the project AQF L5 project Arborist. No hardscape landscaping is proposed within this trees SRZ to ensure its safe retention and longevity. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
178	QLD Brushbox *Lophostemon confertus*	10	300	350	2.2	3.6	Mature	Good	Good to Fair	3	Low	Moderate to High	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its SRZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ. No scaffold branches or tree canopy is anticipated to be pruned based on the building setback and roof design. This will ensure the trees natural aesthetic form. The tabled carpark and building envelope configuration have been considered, with this tree being protected and managed in accordance with best practice guidelines and *Australian Standards - AS 4970-2009 Protection of trees on development sites.* This tree is able to accommodate these works and be unimpacted. Any carpark kerb and gutter works within its TPZ contrary to this scope of works, are to be hand dug and supervised by the project AQF L5 project Arborist. No hardscape landscaping is proposed within this trees SRZ to ensure its safe retention and longevity. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
179	QLD Brushbox *Lophostemon confertus*	12	400	450	2.4	4.8	Mature	Good	Good to Fair	3	Low	Moderate to High	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its SRZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ. No scaffold branches or tree canopy is anticipated to be pruned based on the building setback and roof design. This will ensure the trees natural aesthetic form. The tabled carpark and building envelope configuration have been considered, with this tree being protected and managed in accordance with best practice guidelines and *Australian Standards - AS 4970-2009 Protection of trees on development sites.* This tree is able to accommodate these works and be unimpacted. Any carpark kerb and gutter works within its TPZ contrary to this scope of works, are to be hand dug and supervised by the project AQF L5 project Arborist. No hardscape landscaping is proposed within this trees SRZ to ensure its safe retention and longevity. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
180	QLD Brushbox *Lophostemon confertus*	10	300	350	2.2	3.6	Mature	Good	Good to Fair	3	Low	Moderate to High	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its SRZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ. No scaffold branches or tree canopy is anticipated to be pruned based on the building setback and roof design. This will ensure the trees natural aesthetic form. The tabled carpark and building envelope configuration have been considered, with this tree being protected and managed in accordance with best practice guidelines and *Australian Standards - AS 4970-2009 Protection of trees on development sites.* This tree is able to accommodate these works and be unimpacted. Any carpark kerb and gutter works within its TPZ contrary to this scope of works, are to be hand dug and supervised by the project AQF L5 project Arborist. No hardscape landscaping is proposed within this trees SRZ to ensure its safe retention and longevity. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
181	QLD Brushbox *Lophostemon confertus*	12	700	750	3	8.4	Mature	Good	Good to Fair	3	Low	Moderate to High	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its SRZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ. No scaffold branches or tree canopy is anticipated to be pruned based on the building setback and roof design. This will ensure the trees natural aesthetic form. The tabled carpark and building envelope configuration have been considered, with this tree being protected and managed in accordance with best practice guidelines and *Australian Standards - AS 4970-2009 Protection of trees on development sites.* This tree is able to accommodate these works and be unimpacted. Any carpark kerb and gutter works within its TPZ contrary to this scope of works, are to be hand dug and supervised by the project AQF L5 project Arborist. No hardscape landscaping is proposed within this trees SRZ to ensure its safe retention and longevity. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
182	Oleander Nerium oleander	4	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this small tree is TPO Exempt as it does not meet the definition of a tree due to height requirements (Less than 5m), and it is located within 3m of the existing building and therefore it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
183	Weeping Fig *Ficus Benjamina*	10	M/T	400	N/A	N/A	Mature	Good	Good	3B	Nil	Low	Low	**No**
	Comments: This tree is located within an existing planter box within/adjoining existing carparking bays. This tree has overgrown the planter and parking bay areas and is required to be removed based upon its location to the proposed basement, excavation, site modifications to its TPZ/SRZ and considered scope of works. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
184	Weeping Fig *Ficus Benjamina*	10	M/T	400	N/A	N/A	Mature	Good	Good	3B	Nil	Low	Low	**No**
	Comments: This tree is located within an existing planter box within/adjoining existing carparking bays. This tree has overgrown the planter and parking bay areas and is required to be removed based upon its location to the proposed basement, excavation, site modifications to its TPZ/SRZ and considered scope of works. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
185	Weeping Fig *Ficus Benjamina*	10	M/T	400	N/A	N/A	Mature	Good	Good	3B	Nil	Low	Low	**No**
	Comments: This tree is located within an existing planter box within/adjoining existing carparking bays. This tree has overgrown the planter and parking bay areas and is required to be removed based upon its location to the proposed basement, excavation, site modifications to its TPZ/SRZ and considered scope of works. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
186	Black Tea Tree Melaleuca bracteata *'Revolution Gold'*	9	M/T	400	N/A	N/A	Mature	Good	Good	3	Nil	Low	Low	**No**
	C Comments: This planted tree is in good health and condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. All considerations, options regarding its retention was considered based on the proposed design, access requirements, considered construction requirements within the trees present location and site modifications that would result in the long term modifications to this trees natural environment (TPZ/SRZ) through but not limited to; surface root and soil compaction, loss of anchorage roots, natural water table redirection through the required cut and fill levels, service line installations that would result in the decline of the tree's health and overall stability. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
187	Mulberry *Morus nigra*	6	M/T	280	N/A	N/A	Mature	Good	Good to Fair	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of fruit tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
188	Box Elder *Acer negundo*	5	200	240	N/A	N/A	Mature	Fair	Fair to Poor	5	Nil	Nil	Nil	**No**
	Comments: This nuisance environmental weed species is n fair health and condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. All considerations, options regarding its retention was considered based on the proposed design, access requirements, considered construction requirements within the trees present location and site modifications that would result in the long term modifications to this trees natural environment (TPZ/SRZ) through but not limited to; surface root and soil compaction, loss of anchorage roots, natural water table redirection through the required cut and fill levels, service line installations that would result in the decline of the tree's health and overall stability. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
189	Box Elder *Acer negundo*	6	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: This nuisance environmental weed species is n fair health and condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. All considerations, options regarding its retention was considered based on the proposed design, access requirements, considered construction requirements within the trees present location and site modifications that would result in the long term modifications to this trees natural environment (TPZ/SRZ) through but not limited to; surface root and soil compaction, loss of anchorage roots, natural water table redirection through the required cut and fill levels, service line installations that would result in the decline of the tree's health and overall stability. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
190	QLD Brushbox *Lophostemon confertus*	12	800	850	3.1	9.6	Mature	Good	Good to Fair	3	Low	Moderate to High	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. There is an existing roadway adjoining this tree, which runs to a previous used exit gate. This area would have already been compacted for these works and new design with turning circle only has minor incursions into its TPZ. Any new roadway, kerb and gutter works within its TPZ contrary to this scope of works, are to be hand dug and supervised by the project AQF L5 project Arborist. The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its TPZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ. No scaffold branches or tree canopy is anticipated to be pruned based on the building setback and roof design. This will ensure the trees natural aesthetic form. The tabled carpark and building envelope configuration have been considered, with this tree being protected and managed in accordance with best practice guidelines and *Australian Standards - AS 4970-2009 Protection of trees on development sites.* This tree is able to accommodate these works and be unimpacted. No hardscape landscaping is proposed within this trees SRZ to ensure its safe retention and longevity. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
191	Tallowwood *Eucalyptus microcorys*	17	800	850	3.1	9.6	Mature	Good	Good to Fair	2	Medium	Moderate to High	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. There is an existing roadway adjoining this tree, which runs to a previous used exit gate. This area would have already been compacted for these works and new design with turning circle only has minor incursions into its TPZ. Any new roadway, kerb and gutter works within its TPZ contrary to this scope of works, are to be hand dug and supervised by the project AQF L5 project Arborist. The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its TPZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ. No scaffold branches or tree canopy is anticipated to be pruned based on the building setback and roof design. This will ensure the trees natural aesthetic form. The tabled carpark and building envelope configuration have been considered, with this tree being protected and managed in accordance with best practice guidelines and *Australian Standards - AS 4970-2009 Protection of trees on development sites.* This tree is able to accommodate these works and be unimpacted. No hardscape landscaping is proposed within this trees SRZ to ensure its safe retention and longevity. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
192	Blue Gum *Eucalyptus saligna*	17	800	850	3.1	9.6	Mature	Good	Good to Fair	2	High	Moderate to High	Medium to High	**Yes**
	Comments: Based on AS4970-2009 Protection of Trees on Development Sites, this mature tree is sufficiently distanced to be safely retained and protected with consideration to the building, carparking and excavation scope of works. There is an existing roadway adjoining this tree, which runs to a previous used exit gate. This area would have already been compacted for these works and new design with turning circle only has minor incursions into its TPZ. Any new roadway, kerb and gutter works within its TPZ contrary to this scope of works, are to be hand dug and supervised by the project AQF L5 project Arborist. The use of chain mesh safety fencing be installed to ensure no building waste, or materials are stored within its TPZ. The use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ. No scaffold branches or tree canopy is anticipated to be pruned based on the building setback and roof design. This will ensure the trees natural aesthetic form. The tabled carpark and building envelope configuration have been considered, with this tree being protected and managed in accordance with best practice guidelines and *Australian Standards - AS 4970-2009 Protection of trees on development sites.* This tree is able to accommodate these works and be unimpacted. No hardscape landscaping is proposed within this trees SRZ to ensure its safe retention and longevity. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
193	Canary Island Date Palm *Phoenix canariensis*	6	450	500	N/A	N/A	Mature	Good	Good	3B	Nil	Low	Low	**No**
	Comments: This self-seeded minor nuisance palm tree is required to be removed based upon its location to the proposed development envelope, layout, site modifications and considered scope of works. In summary, this palm tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
194	European Hackberry *Celtis sinensis*	9	500	550	N/A	N/A	Mature	Good	Good	3B	Nil	Low	Low	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
195	Camphor laurel *Cinnamomum camphora*	4.8	M/T	240	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Low	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this nuisance environmental weed species tree is TPO Exempt as it does not meet the definition of a tree due to height requirements (Less than 5m), therefore it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
196	Camphor laurel *Cinnamomum camphora*	5	M/T	240	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Low	**No**
	Comments: Based on Parramatta City Councils DCP 2023, Tree Management Policy, this nuisance environmental weed species tree is TPO Exempt as it does not meet the definition of a tree due to height requirements (Less than 5m), therefore it may be removed without further consideration. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
197	Silky Oak *Grevillea robusta*	9	200	240	N/A	N/A	Mature	Good	Good	3B	Nil	Nil	Nil	**No**
	Comments: This planted ornamental tree is required to be removed based on its location within the proposed new building envelope, basement excavation works and considered scope of works, thus this tree is required to be removed. All considerations, options regarding its retention were considered. No roosting or habitat hollows were observed, and in summary, this trees removal is supported. It is anticipated this tree will be replaced in the landscape plan upon completion with an advanced 75lt tree planted in a location that can accommodate it future growth.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
198	Spotted Gum *Corymbia citrodora*	18	750	800	3.1	9	Mature	Good	Good	2	Medium	Moderate	High	**No**
	Comments: This planted tree is in good to fair health and structural condition, however, based on its location within the proposed building and basement envelope, excavation works and considered scope of works, this tree is supported to be removed. All considerations, options regarding its retention was considered based on the proposed design, access requirements, considered construction requirements within the trees present location and site modifications that would result in the long term modifications to this trees natural environment (TPZ/SRZ) through but not limited to; surface root and soil compaction, loss of anchorage roots, natural water table redirection through the required cut and fill levels, service line installations that would result in the decline of the tree's health and overall stability. No roosting or habitat hollows were observed, and in summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
199	Large Leaf Privet *Ligustrum lucidum*	4	M/T	200	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
200	Large Leaf Privet *Ligustrum lucidum*	10	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
201	Large Leaf Privet *Ligustrum lucidum*	5	M/T	200	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
202	Large Leaf Privet *Ligustrum lucidum*	7	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
203	Large Leaf Privet *Ligustrum lucidum*	7	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
204	Large Leaf Privet *Ligustrum lucidum*	6	M/T	250	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
205	Large Leaf Privet *Ligustrum lucidum*	7	M/T	250	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
206	Kaffir Plum *Harpephyllum caffrum*	12	700	850	N/A	N/A	Mature	Good	Fair	4C	Nil	Low	Low	**No**
	Comments: This tree is in good health and condition, however, based on its location within the proposed building envelope, basement excavation works and considered scope of works, this tree is required to be removed. All considerations, options regarding its retention were considered based on the proposed design, access requirements, considered construction and service line requirements within the tree's present location. No roosting or habitat hollows were observed, and in summary, this trees removal is supported, furthermore, based on the trees considered root mass and envelope this tree is recommended to be removed under Sydney Water, Part 6 Division 4 Section 46 of the Sydney Water Act 1994 due to this tree considered damaged to their infrastructure asset. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
207	Large Leaf Privet *Ligustrum lucidum*	8	M/T	250	1.9	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**Yes**
	Comments: This adjoining self-seeded nuisance weed species tree is sufficiently distanced to be safely retained, protected, and managed in conjunction TPZ fencing as required. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
208	Large Leaf Privet *Ligustrum lucidum*	8	M/T	250	1.9	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**Yes**
	Comments: This adjoining self-seeded nuisance weed species tree is sufficiently distanced to be safely retained, protected, and managed in conjunction TPZ fencing as required. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
209	Large Leaf Privet *Ligustrum lucidum*	8	M/T	250	1.9	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**Yes**
	Comments: This adjoining self-seeded nuisance weed species tree is sufficiently distanced to be safely retained, protected, and managed in conjunction TPZ fencing as required. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													
210	Large Leaf Privet *Ligustrum lucidum*	8	M/T	250	1.9	2.4	Mature	Good	Good	5	Nil	Nil	Nil	**Yes**
	Comments: This adjoining self-seeded nuisance weed species tree is sufficiently distanced to be safely retained, protected, and managed in conjunction TPZ fencing as required. This parcel of land is located opposite Clay Cliff Creek stormwater channel and will be unimpacted by these works. All works are to be supervised, managed and monitored by an AQF L5 Project Arborist.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
211	Large Leaf Privet *Ligustrum lucidum*	5	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
212	Large Leaf Privet *Ligustrum lucidum*	8	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
213	Large Leaf Privet *Ligustrum lucidum*	8	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
214	Large Leaf Privet *Ligustrum lucidum*	6	M/T	200	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
215	Large Leaf Privet *Ligustrum lucidum*	6	M/T	250	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
216	African olive *Olea europaea* subsp. *cuspidata*	6	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
217	African olive *Olea europaea* subsp. *cuspidata*	8	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
218	Large Leaf Privet *Ligustrum lucidum*	6	M/T	250	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
219	Large Leaf Privet *Ligustrum lucidum*	8	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
220	Large Leaf Privet *Ligustrum lucidum*	7	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
221	Large Leaf Privet *Ligustrum lucidum*	8	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													
222	Large Leaf Privet *Ligustrum lucidum*	8	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Tree Number	Tree Species Common Name Botanical name	Height (m)	DBH @ 1.4m	DAB (mm)	SRZ Required (m)	TPZ Required (m)	Tree Age * Young * Semi Mature * Mature * Over Mature	Tree Health * Good * Fair * Poor * Dead	Tree Structure * Good * Fair * Poor	SULE Rating	Ecological Significance * High * Medium * Low * Nil	Landscape Visual Significance * High * Moderate * Low * Nil	Retention Value * H 40yrs + * M 15 - 40yrs * L 5 to 15ys * Nil Less 5ys * Dead	To Be Retained
223	Large Leaf Privet *Ligustrum lucidum*	8	M/T	300	N/A	N/A	Mature	Good	Good	5	Nil	Nil	Nil	**No**
	Comments: Based on Parramatta City Councils DCP - Table 5.3.4.2 – Exempt tree species in City of Parramatta LGA, this species of tree is listed as being an Exempt Tree Species, and thus it may be removed without further consideration or approval if required. In summary, this tree is supported to be removed and replaced with an appropriate tree/shrub species in 75lt advance stock upon completion of the development and associated scope of works to assist with any considered loss of visual amenity and planted in an appropriate location that can accommodate its future growth and longevity.													

Key. Multi trunk (M/T)

Table 1: Shows a list of trees observed and assessed in relation to this development application by a Qualified Horticulturist and AQF Level 5 Arborist (Dip Arb).

8.0 TREES NUMBERED 1 TO 223 IDENTIFICATION BASED ON GROUND FLOOR OVERVIEW TO BE RETAINED OR REMOVED.

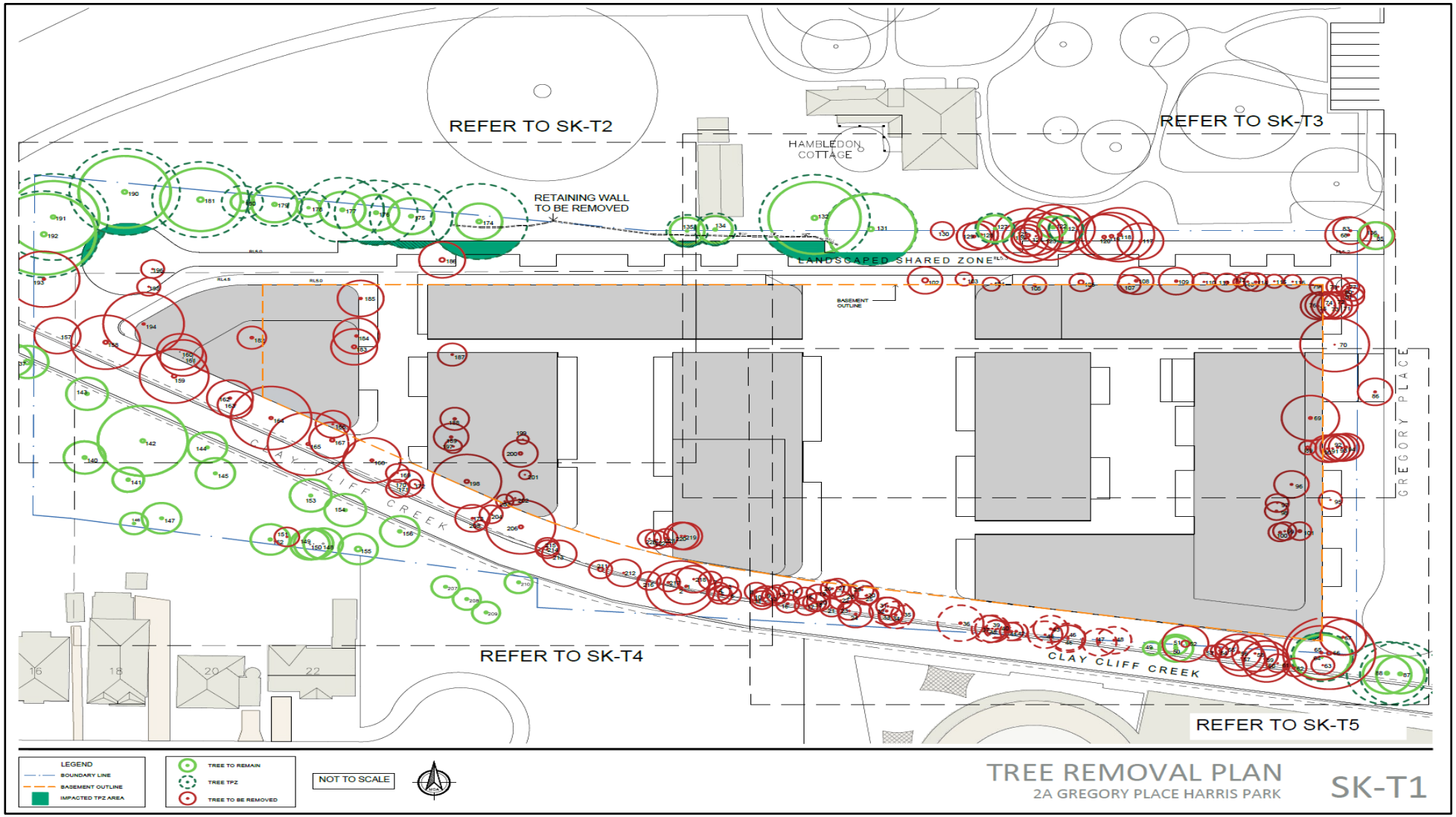
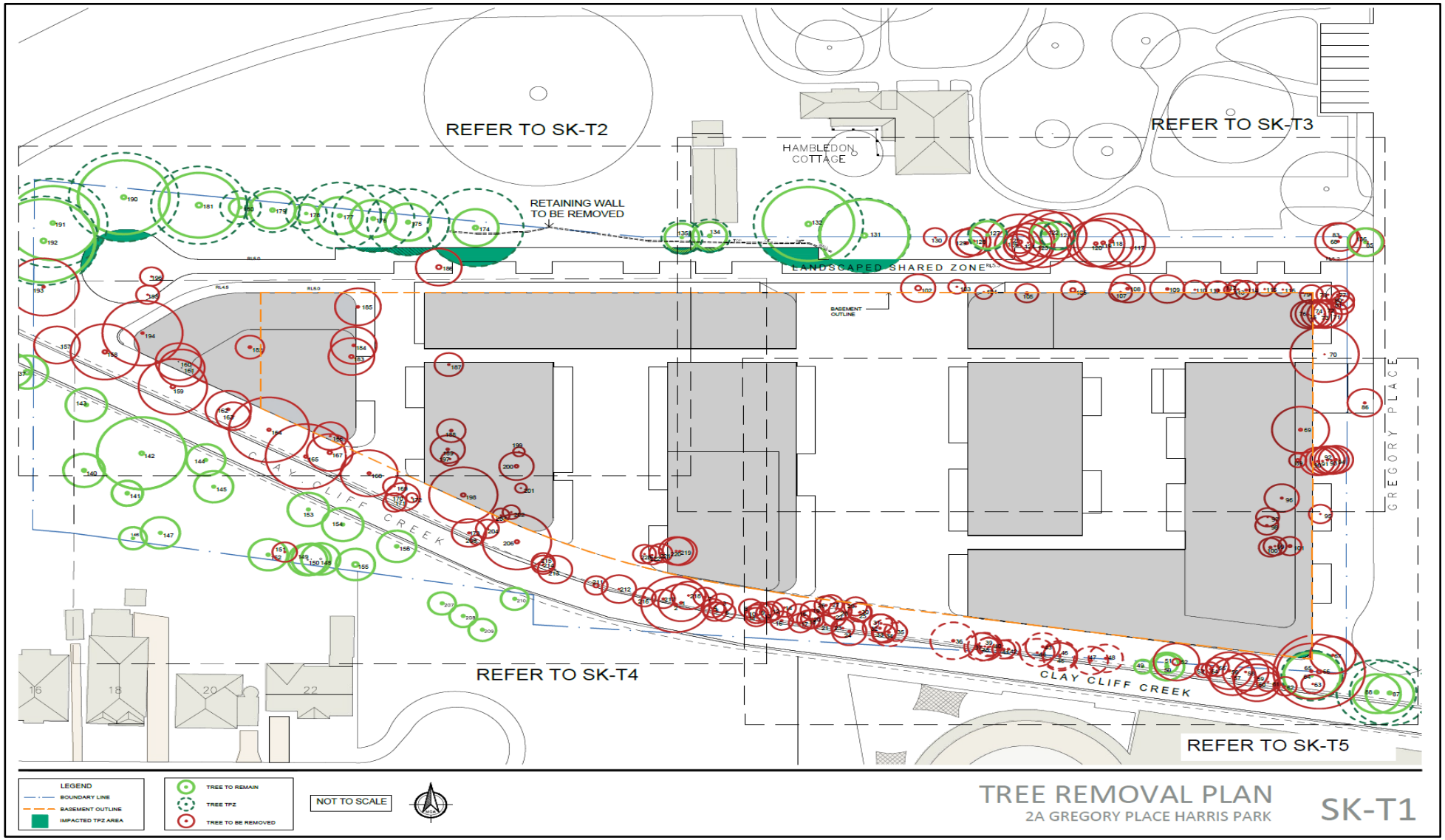
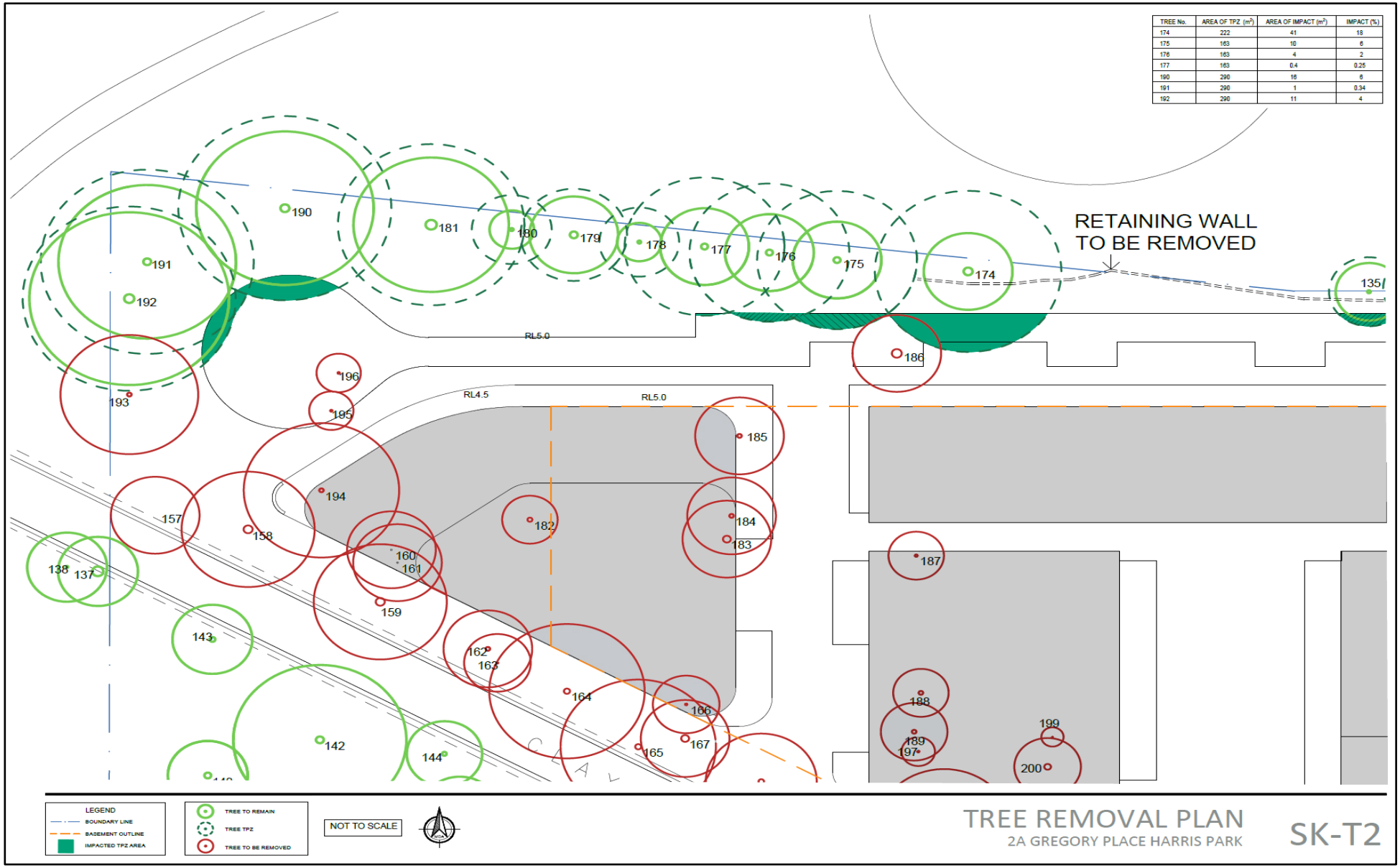
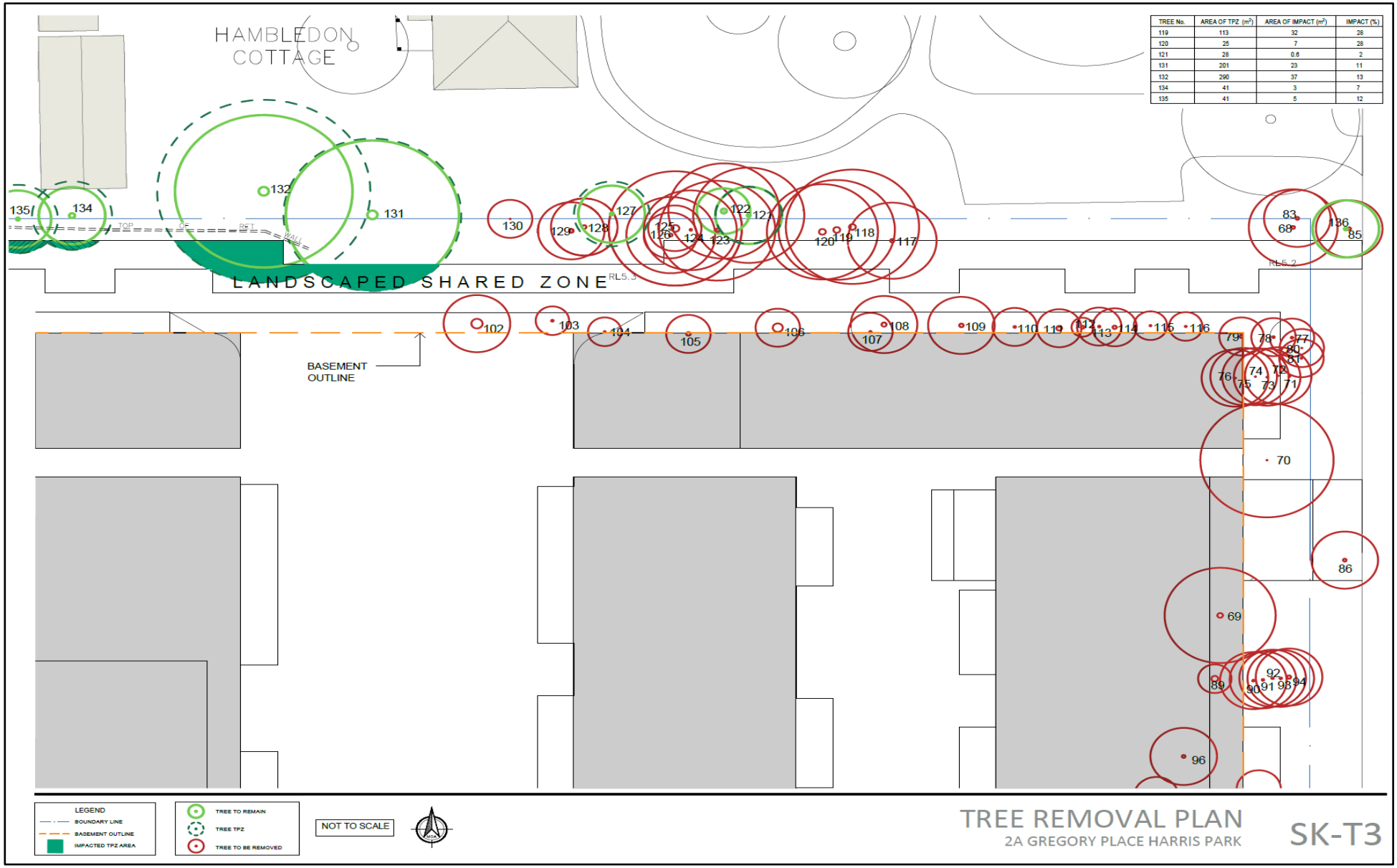


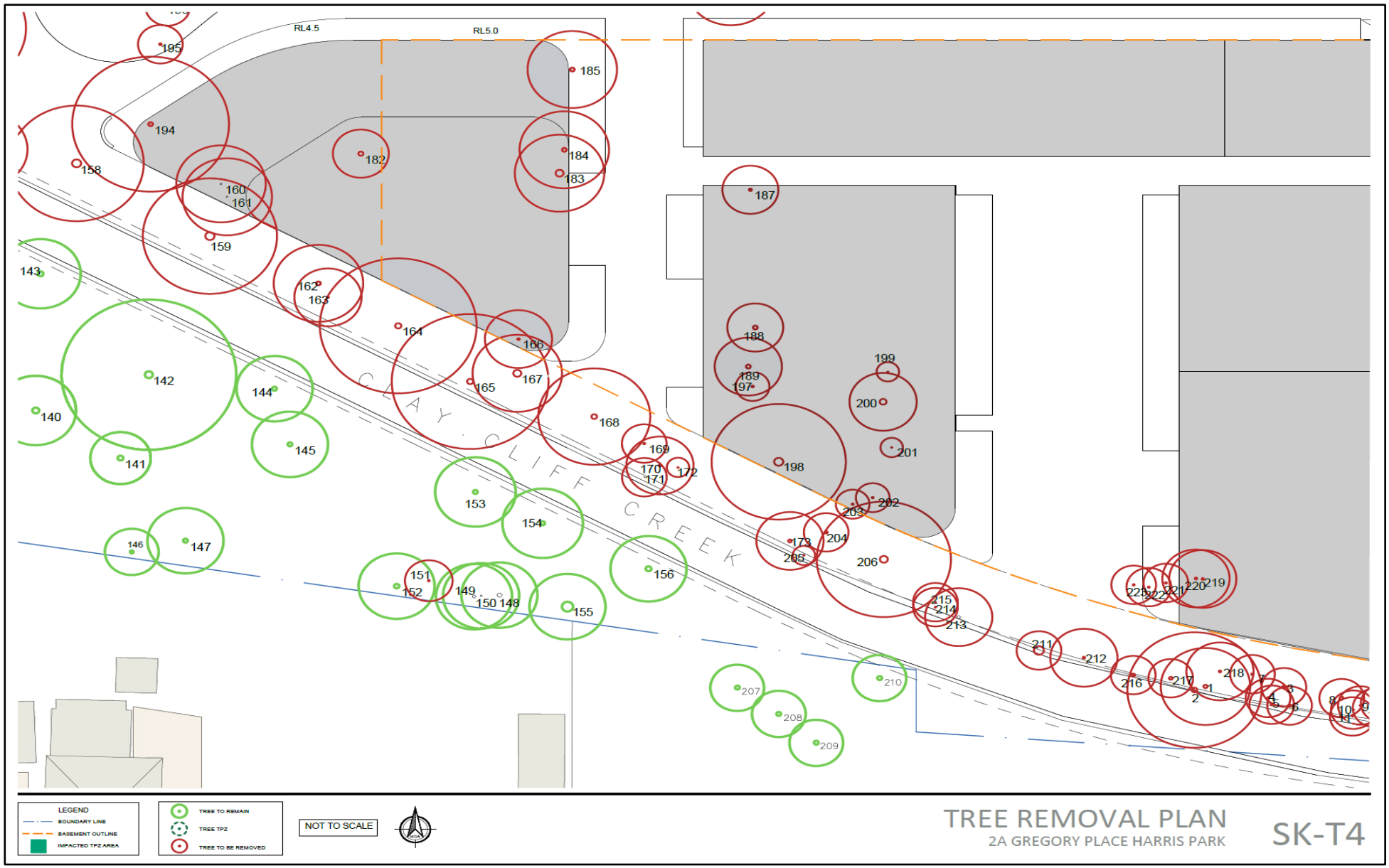
Figure 3 Shows the trees in GREEN to be retained and protected, all other vegetation is to be removed and or being TPO Exempt species.

9.0 TREES NUMBERED 1 TO 223 IDENTIFICATION TO BE RETAINED OR REMOVED.




TREE No. | AREA OF TPZ (m²) | AREA OF IMPACT (m²) | IMPACT (%)
174 | 222 | 41 | 18
175 | 163 | 10 | 6
176 | 163 | 4 | 2
177 | 163 | 0.4 | 0.25
190 | 290 | 16 | 6
191 | 290 | 1 | 0.34
192 | 290 | 11 | 4
RETAINING WALL TO BE REMOVED
RL5.0
RL4.5
RL5.0
LEGEND
BOUNDARY LINE
BASEMENT OUTLINE
IMPACTED TPZ AREA
TREE TO REMAIN
TREE TPZ
TREE TO BE REMOVED
NOT TO SCALE
TREE REMOVAL PLAN
2A GREGORY PLACE HARRIS PARK
SK-T2


HAMBLEDON COTTAGE
LANDSCAPED SHARED ZONE
RL5.3
RL5.2
BASEMENT OUTLINE
TOP OF BFT WALL
TREE No. | AREA OF TPZ (m²) | AREA OF IMPACT (m²) | IMPACT (%)
119 | 113 | 32 | 28
120 | 25 | 7 | 28
121 | 28 | 0.6 | 2
131 | 201 | 23 | 11
132 | 290 | 37 | 13
134 | 41 | 3 | 7
135 | 41 | 5 | 12
LEGEND
BOUNDARY LINE
BASEMENT OUTLINE
IMPACTED TPZ AREA
TREE TO REMAIN
TREE TPZ
TREE TO BE REMOVED
NOT TO SCALE
TREE REMOVAL PLAN
2A GREGORY PLACE HARRIS PARK
SK-T3


RL4.5
RL5.0
CLAY CLIFF CREEK
LEGEND
BOUNDARY LINE
BASEMENT OUTLINE
IMPACTED TPZ AREA
TREE TO REMAIN
TREE TPZ
TREE TO BE REMOVED
NOT TO SCALE
TREE REMOVAL PLAN
2A GREGORY PLACE HARRIS PARK
SK-T4

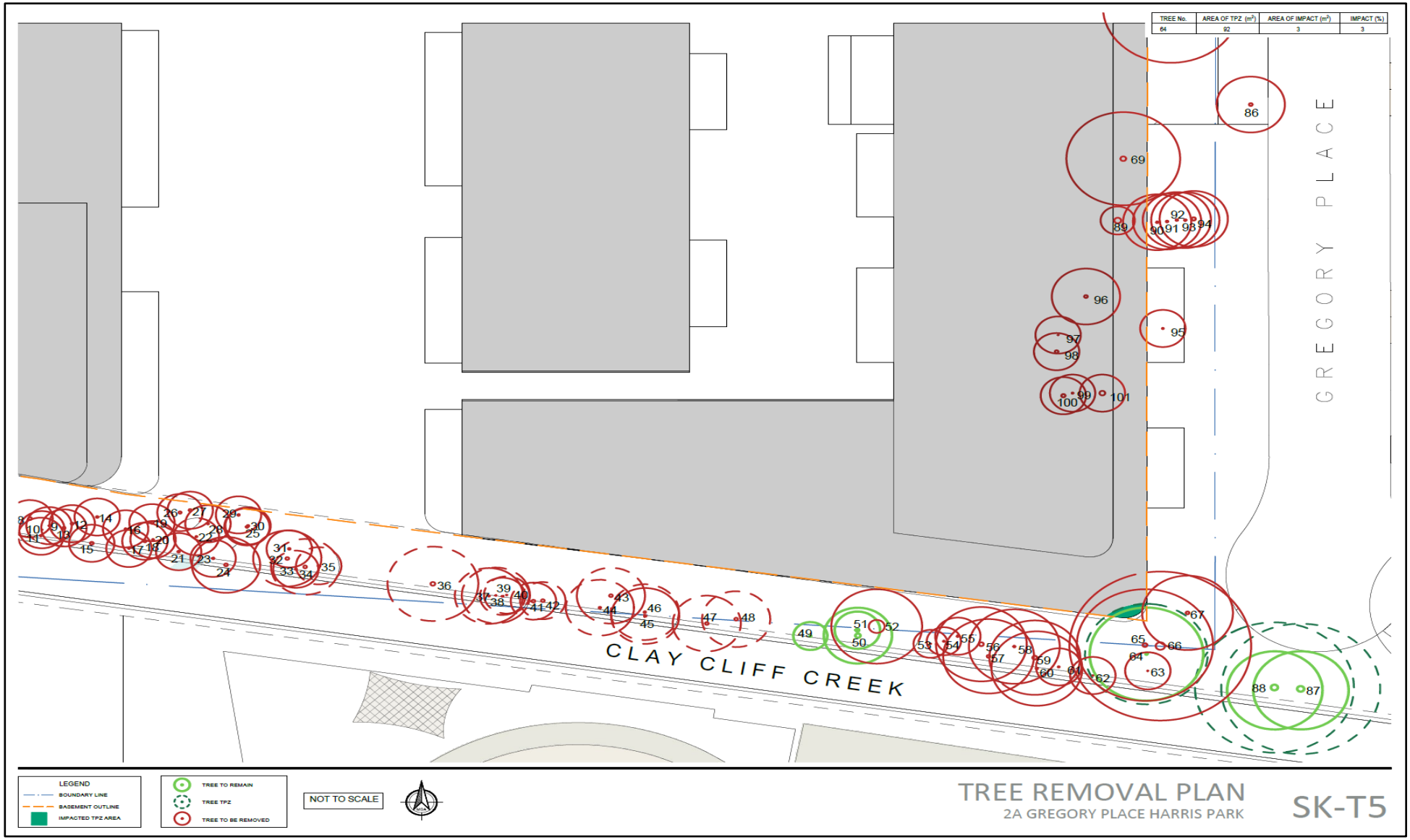
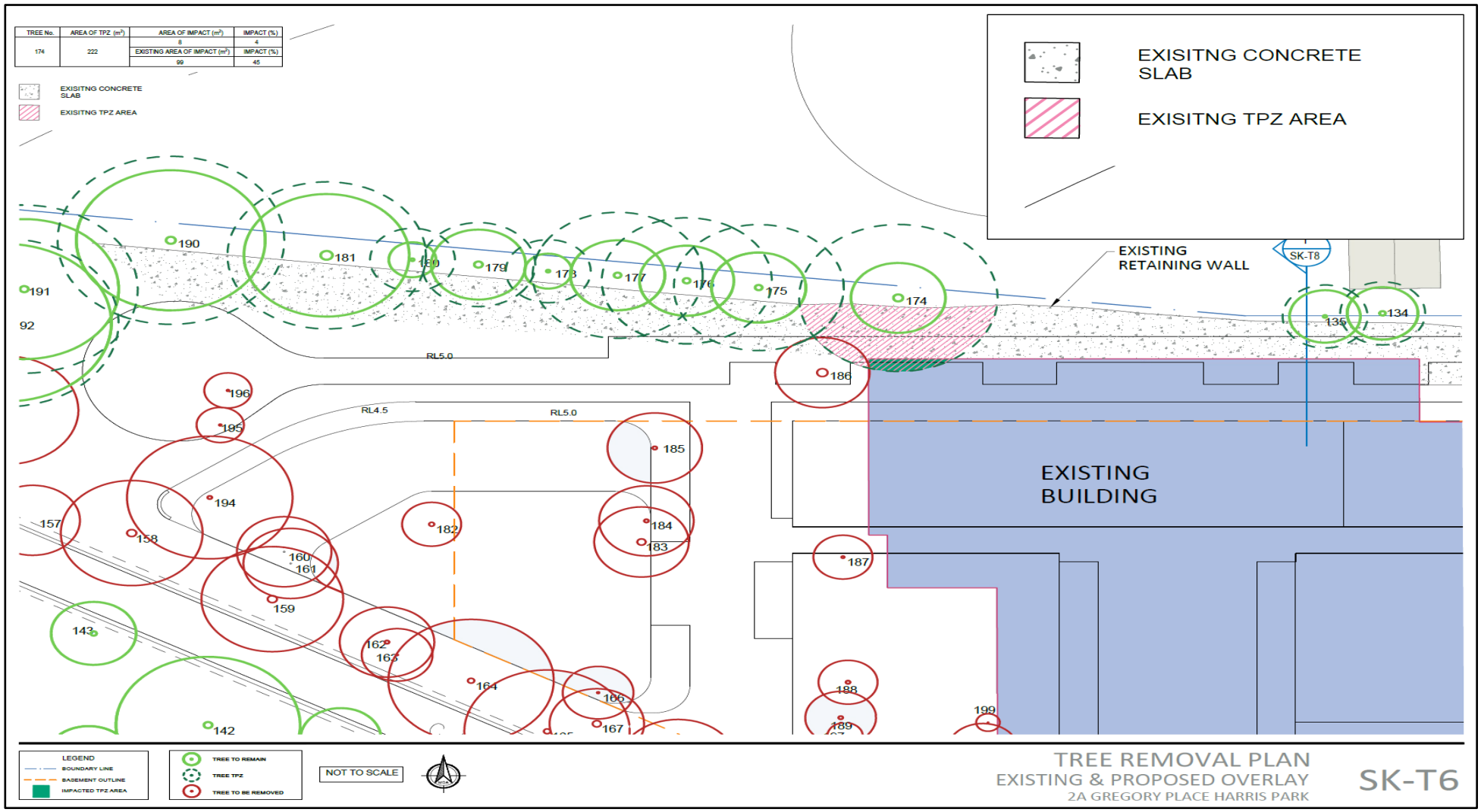


Figure 4 Shows the trees in GREEN to be retained and protected, all other vegetation is to be removed and or being TPO Exempt species.

10.0 TREE MANAGEMENT AND PROTECTION PLAN (TMPP)

10.1 TREE PERCENTAGE IMPACTS



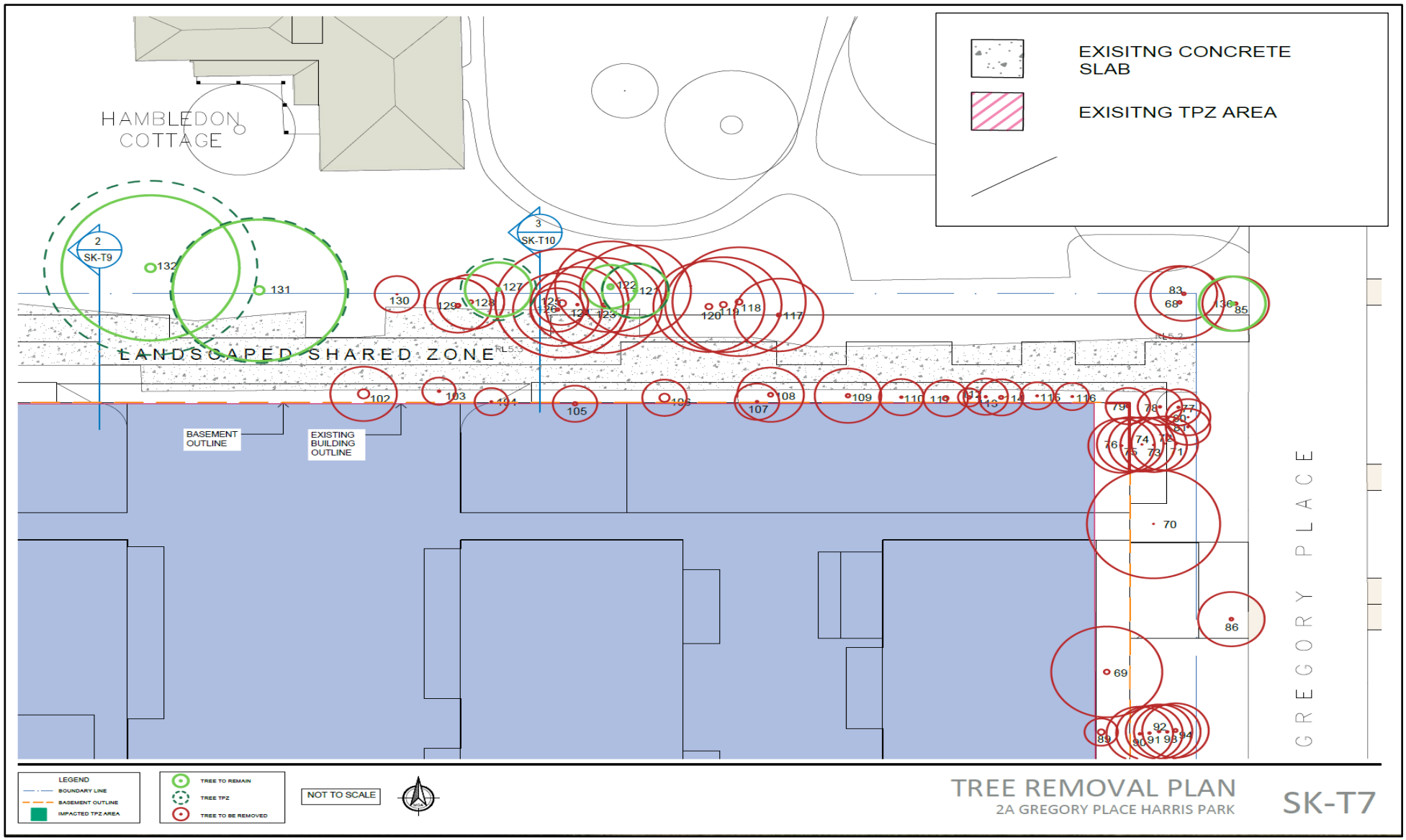


Figure 5 Shows the existing brick retaining wall and concrete areas with adjoining trees to be retained and protected.

10.2 TREE MANAGEMENT AND PROTECTION PLAN (TMPP) – TREE PROTECTION FENCING AND OR TIMBER BATTENS

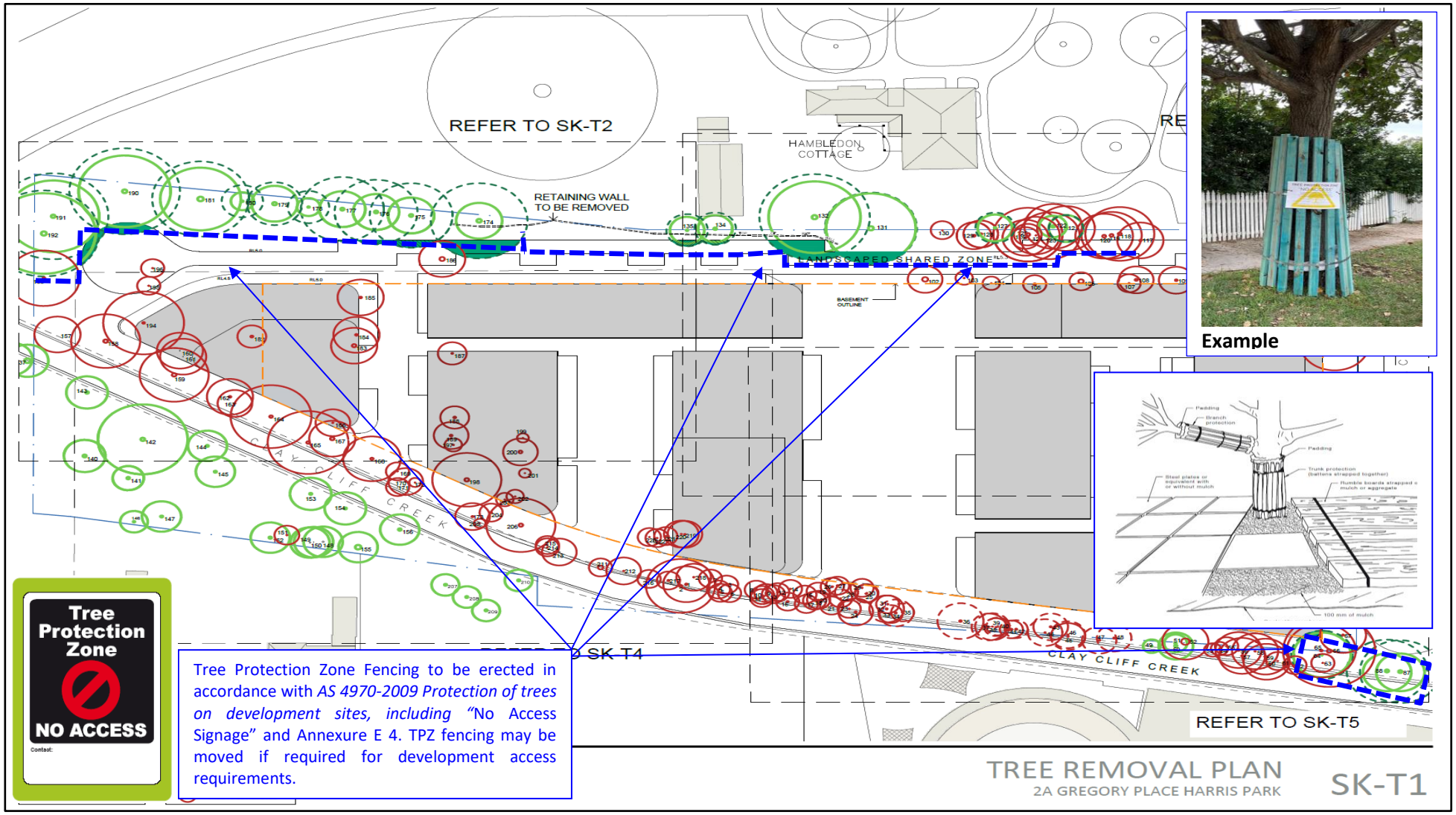


Figure 6 Shows Site and adjoining trees to be protected and managed based on overview plan tabled.

10.2.1 TREE MANAGEMENT AND PROTECTION PLAN (TMPP) – TYPICAL DIAGRAM OF ADJOINING TREES IN HAMBLEDON RESERVE AND RETAINING WALL

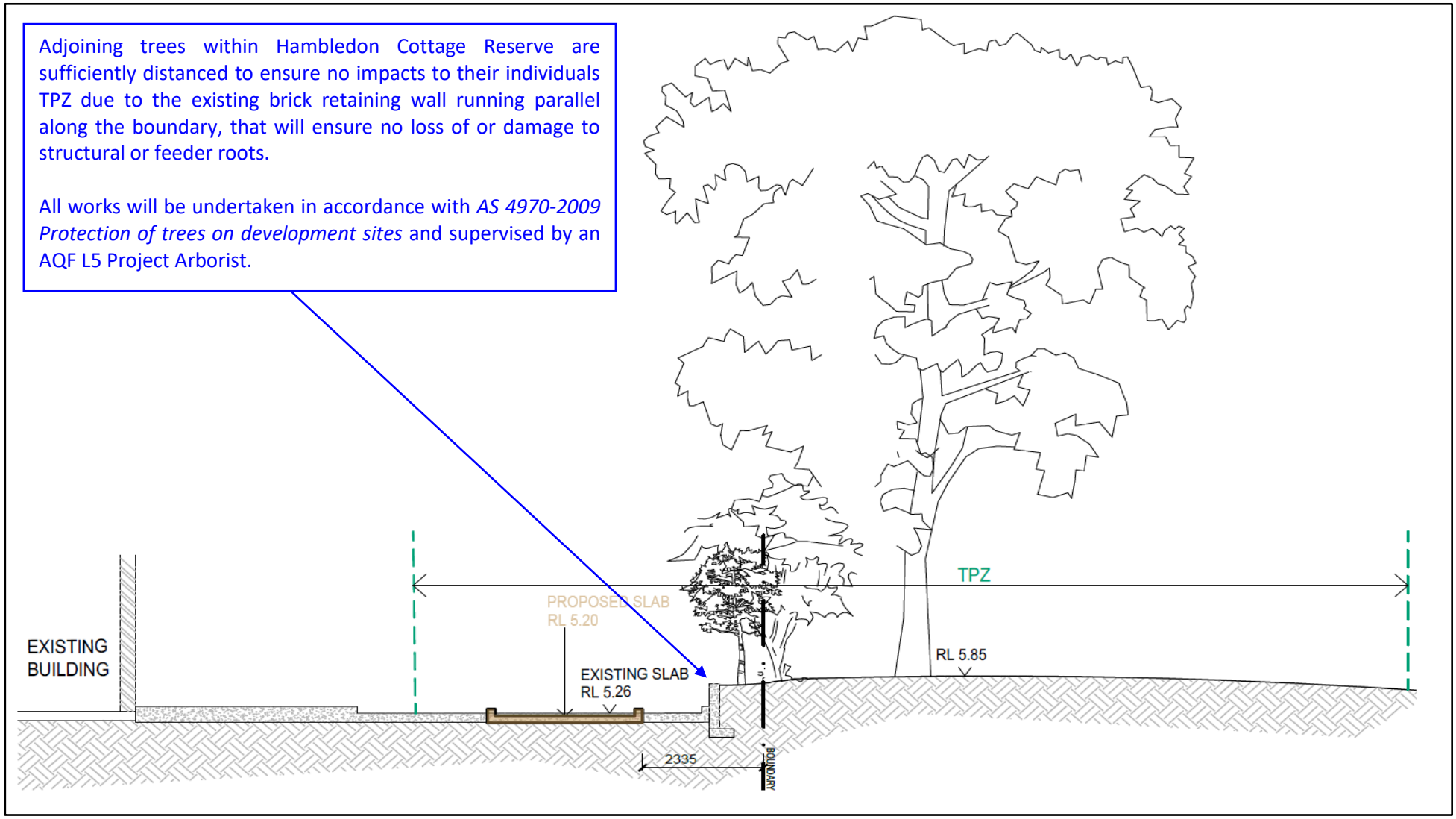


Figure 7 Shows the brick retaining wall location ensuring the safe protection of adjoining trees.

10.3 TREE MANAGEMENT AND PROTECTION PLAN (TMPP) – DEMOLITION WORKS *(Overall Ground Floor Plan)*

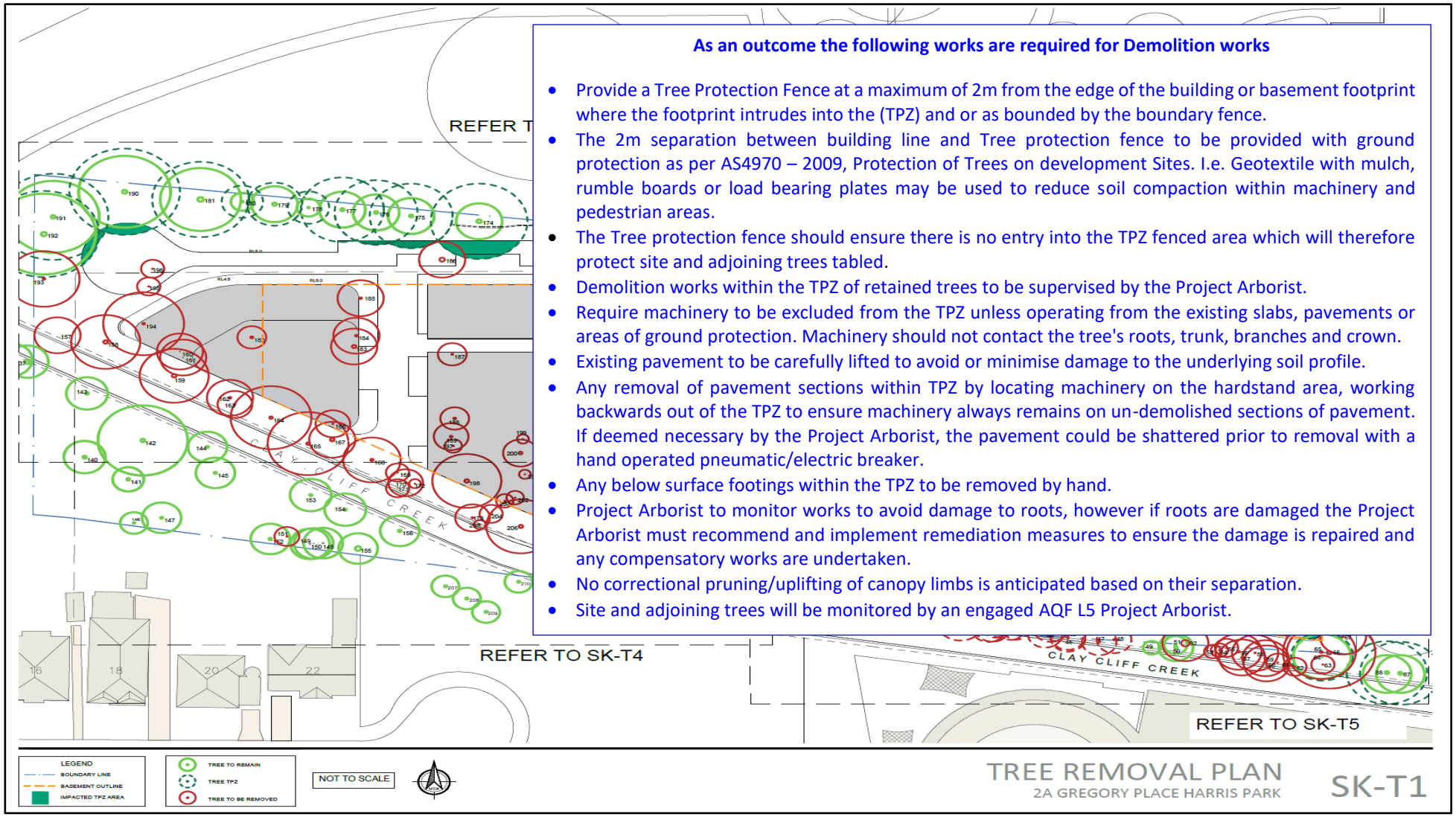


Figure 8 Shows site and adjoining tree protection measures regarding demolition works.

10.4 TREE MANAGEMENT AND PROTECTION PLAN (TMPP) – EXCAVATION/CONSTRUCTION STAGE *(Overall Ground Floor Plan)*

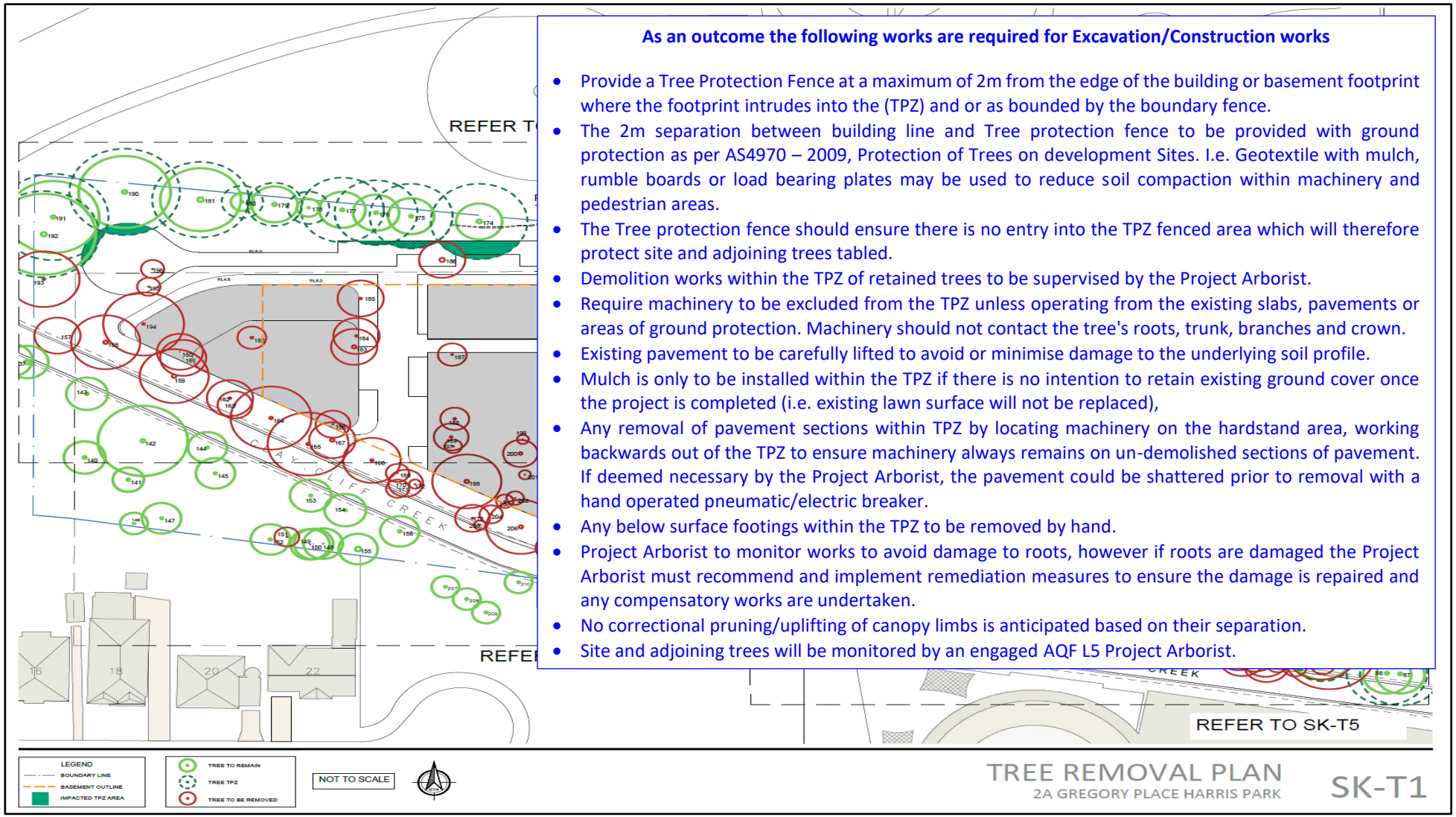


Figure 9 Shows site and adjoining tree protection measures regarding excavation and construction stages.

10.5 TREE MANAGEMENT AND PROTECTION PLAN (TMPP) –CONSTRUCTION STAGE *(Overall Ground Floor Plan)*

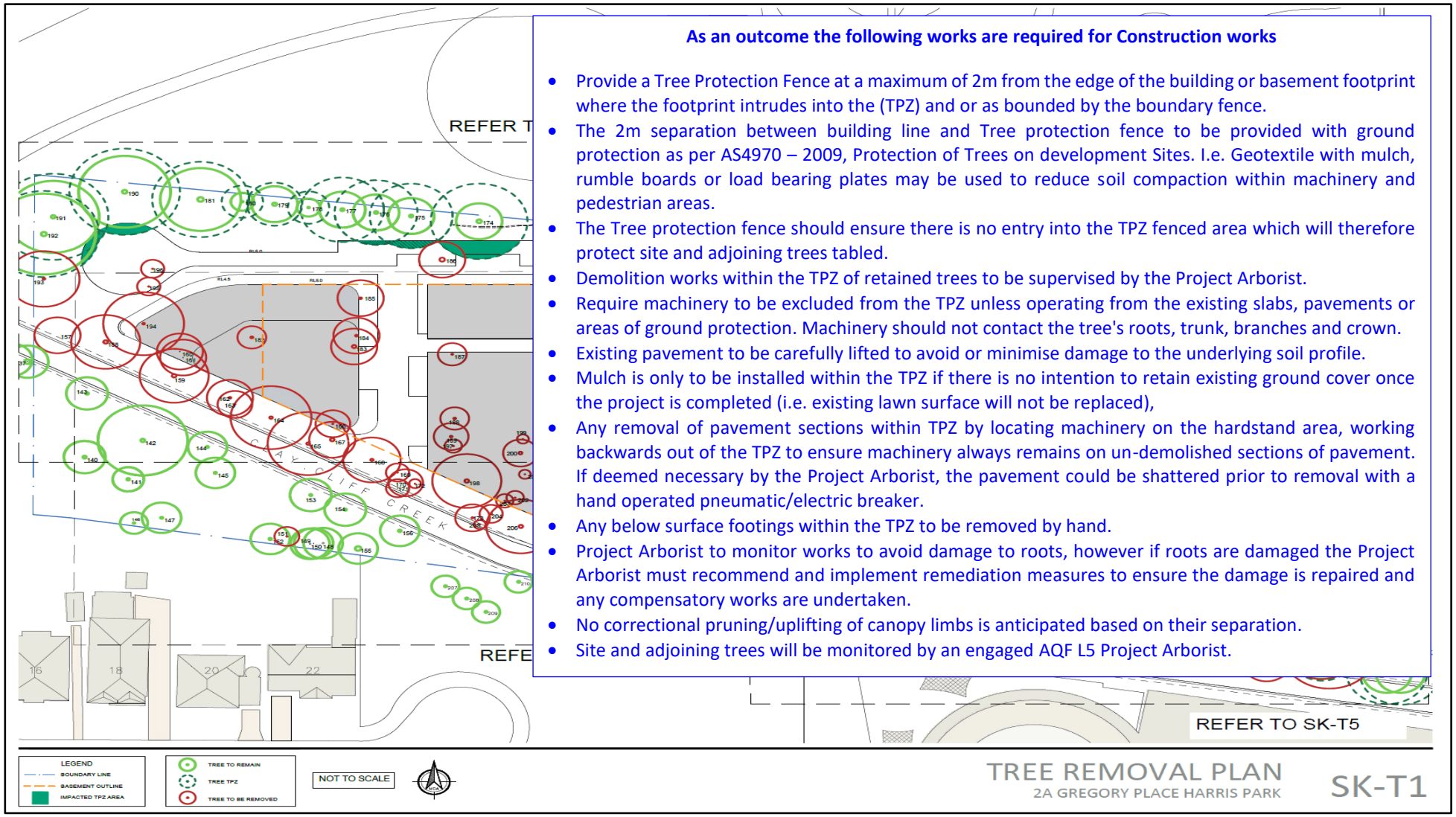


Figure 10 Shows site and adjoining tree protection measures regarding site construction stages.

10.6 TREE MANAGEMENT AND PROTECTION PLAN (TMPP) –LANDSCAPE STAGE *(Overall Ground Floor Plan)*

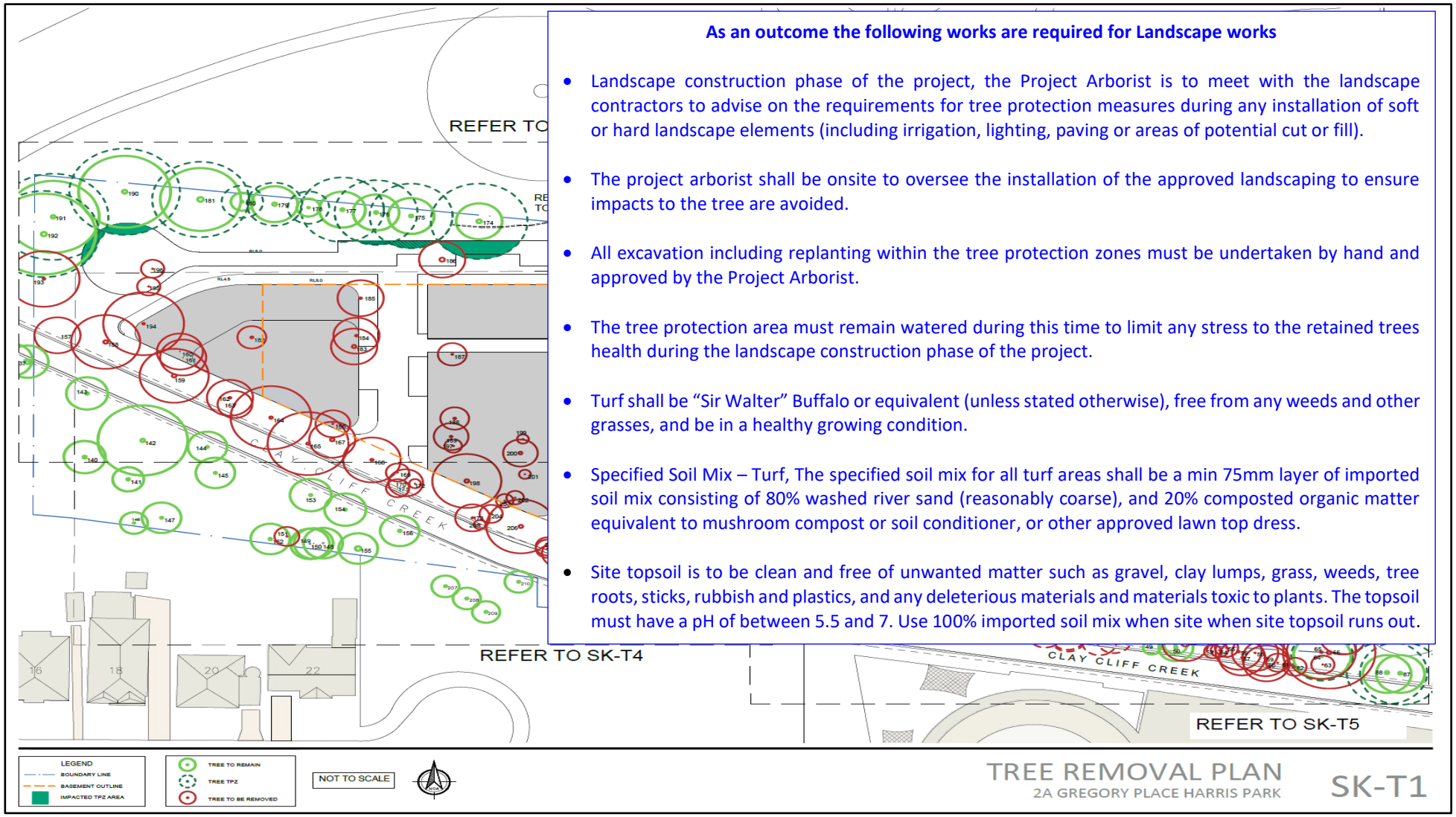


Figure 11 Shows site and adjoining tree protection measures regarding Landscape Stage protection.

10.7 SITE SPECIFIC TREE MANAGEMENT PLAN (TMP), APPOINTMENT OF SITE ARBORIST AND STAGED INSPECTIONS/HOLD POINTS

This tree management plan refers to the trees outlined in the following Tree Schedule and Tree location plan which indicates trees to be removed and or retained.

An AQF L5 Site Arborist shall be appointed prior the commencement of all works on-site and identify all trees approved to be removed and supervise the site management and tree protection measures of trees tabled to be retained as per the approved Conditions of Consent. An allowance of Five-(5) working days' notice to allow inspections to be undertaken at the following stages would be considered standard practice.

HOLD POINT	TASK	RESPONSINILITY	TIMING OF INSPECTION	DATE	ARBORIST COMMENTS TO BE COMPLETED AT STAGED HOLD POINTS
1	Engage AQF L5 Project Arborist	Principal Contractor	Prior to commencement for Construction Certificate and DA Condition of Consent.		
2	Identification of trees approved to be removed and mark with yellow marker spray paint on trunks and documented.	Principal Contractor Project Arborist	Undertake prior to demolition and site establishment.		
3	Identification of trees numbered 47, 64, 87, 88, 121, 127, 131, 132, 134, 135, 136, 137, 138, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 152, 153, 154, 155, 156, 174, 175, 176, 177, 178, 179, 180, 181, 190, 191, 192, 207, 208, 209, 210 tabled to be retained, protected and documented. Marked with bright green surveyors' ribbon and documented.	Principal Contractor Project Arborist	Prior to demolition and site establishment.		
4	Erection of tree protection measures were practical i.e. Timber Battens, Tree Protection Fencing with appropriate signage as per approved DA Conditions of Consent to ensure no impacts to retained trees, protected and documented.	Principal Contractor Project Arborist	Undertake prior to demolition and site establishment.		

5	Supervision of approved tree removals prior to demolition and documented. Undertake prior to demolition and site establishment.	Principal Contractor Project Arborist	Prior to demolition and site establishment.		
6	Final establishment of tree protection fencing with appropriate signage as per approved DA Conditions of Consent of retained trees not available to be protected during approved tree removal or demolition work. Project Manager and persons engaged in excavation and construction are to receive an induction, which forms their responsibilities regarding tree protection measures prior to commencement.	Principal Contractor Project Arborist	Prior to earth works and or construction schedule.		
7	Undertake identification of and or correctional pruning of surface structural roots along the proposed basement excavation zone if or as required. Pruning the surface roots mitigates the risk of accidental damage to retained roots or roots being ripped or pulled out of the ground from an excavator etc. Any tree roots discovered are cut cleanly with root pruning devices that have been disinfected Inside of the TPZ fencing area is to be mulched to 100mm organic leaf mulch to cover potential roots from drying out and or soil moisture loss, prior to basement excavations.	Principal Contractor Project Arborist	Prior to earth works, basement excavations and or construction schedule.		

8	Check TPZ Zones/fencing prior to excavation. Supervise all basement and or roadway excavation works proposed within identified TPZ, if or as required. Pruning of any potential feeder roots encountered by the AQF L5 Project Arborist.	Project Arborist Principal Contractor	Bulk earthworks, basement excavation and construction stage as required.		
9	Staged fortnightly Inspections of retained trees as per Conditions of Consent.	Principal Contractor Project Arborist	Construction Stage.		
10	Removal of Tree Protection Fences may be removed at the end of the construction work for the installation of the landscape, however, prohibited activities as tabled in F 3 Prohibited works clauses may still apply.	Project Arborist	Completion of construction works and commencement of soft landscaping works.		
11	Landscape construction phase of the project, the Project Arborist is to meet with the landscape contractors to advise on the requirements for tree protection measures during any installation of soft or hard landscape elements (including irrigation, lighting, paving or areas of potential cut or fill). All excavation including replanting within the tree protection zones must be undertaken by hand and approved by the Project Arborist. The tree protection area must remain watered during this time to limit any stress to the retained trees health during the landscape construction phase of the project.	Principal Contractor Project Arborist.	Landscape Construction Stage.		

12	Final inspection of all construction works (Post Construction and Landscaping) and sign off regarding retained trees health, conditions, and outcomes.	Principal Contractor Project Arborist.	Project Completion		

Table 2 Shows staged hold points specific to this project, to ensure the safe retention, preservation and management of site and adjoining trees.

11.0 SITE PHOTOGRAPHS

Figure 12 Shows looking along Harris Street, with Himalayan Cedar to be removed.

Figure 13 Shows minor African olives to be removed.

Figure 14 Shows weeds growing around the water storage and Trees 87 and 88 to be retained.

Figure 15 Shows a Privet tree adjoining the building to be removed.

Figure 16 Shows the side driveway entrance with Trees 106 to 116 within a planter bed.

Figure 17 Shows minor shrubs within close proximity to the building to be removed.

Figure 18 Shows again privet and minor shrubs to be removed as they are TPO Exempt.

Figure 19 Shows Tree 70 that has been previously incorrectly pruned.

Figure 20 Shows a snapped branch from storm damage on Tree 70.

Figure 21 Shows TPO Exempt weeds to be removed along the stormwater channel.

Figure 22 Shows extensive self-seeded weed species to be removed.

Figure 23 Shows typical species of Olive, Privet and Celtis to be removed.

Figure 24 Shows the site overgrown with privet to be removed.

Figure 25 Shows privet and Celtis weeds to be removed along the Stormwater Channel.

Figure 26 Shows again ornamental shrubs and palm to be removed.

Figure 27 Shows Robinia and Gold Cane Palm clump to be removed.

Figure 28 Shows the site overgrown with invasive weeds to be removed.

Figure 29 Shows typical form of Brushbox trees to be retained and protected.

Figure 30 Shows the existing brick retaining wall that ensure no structural or woody roots will be impacted/cut as part of these works as per Section 10.2.1 Typical diagram of adjoining tree and retaining wall.

Figure 31 Shows again the brick retaining wall overgrown with English Ivy.

Figure 32 Shows fig trees within an old carpark planter bed.

Figure 3 Shows the existing roadway to exit gate adjoining Trees 190, 191 and 192 with overgrown site weed vegetation.

Figure 34 Shows Tree 198 from a distance.

Figure 35 Shows minor Trees 188 and 189 to be removed.

Figure 36 Shows Tree 206 lower base with extensive borer damage on a lean.

Figure 37 Shows the fig trees that have overgrown the carpark planter box.

Figure 38 Shows looking towards Trees 175 to 181 that are to be retained and protected.

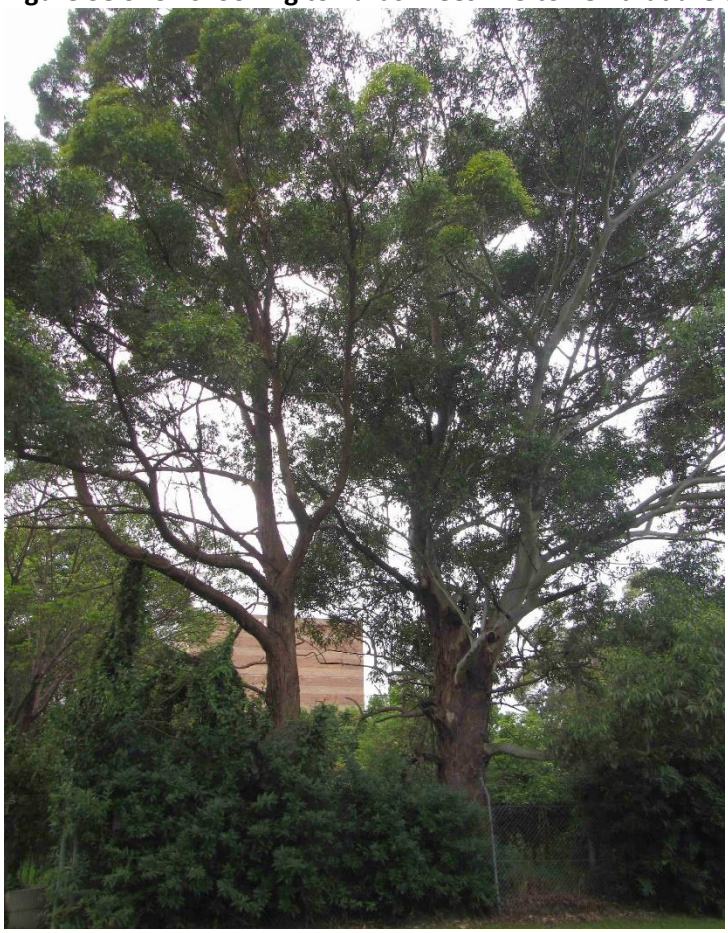


Figure 39 Shows Trees 191 and 192 to be retained, protected and managed.

12.0 CONCLUSION

The trees which are subject of this report are protected under Parramatta City Council Development Control Plan (DCP) 2023, Section 5.4 Protection of the Natural Environmental, Subsection 5.3.4 Trees and Vegetation Preservation.

Consideration of retaining mature significant vegetation to the area was paramount. After close visual and physical investigation of the various trees condition the results from field investigations are as follows;

Based upon our site inspection and observations, the site is heavily weed infested with self-seeded nuisance environmental weed species, consisting of Large Leaf Privet *(Ligustrum lucidum)* African olive *(Olea europaea* subsp. *Cuspidata),* Hackberry *(Celtis sinensis)* and Canary Island Date Palm *(Phoenix canariensis).* As per Councils Tree Management Policy, and DCP 2023, Section 5.4 Protection of the Natural Environmental, Subsection 5.3.4 Trees and Vegetation Preservation, these nuisance environmental weed species are TPO Exempt and may be removed without further consideration.

Additional trees and shrubs are also TPO Exempt due to their individual height requirements (Less than 5m), and or are located within 3m of the existing approved building and therefore may be removed without further consideration.

Significant site and adjoining Trees Numbered 47, 64, 87, 88, 121, 127, 131, 132, 134, 135, 136, 137, 138, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 152, 153, 154, 155, 156, 174, 175, 176, 177, 178, 179, 180, 181, 190, 191, 192, 207, 208, 209, 210 are sufficiently distanced to be safely retained, protected, and managed.

No remnant or significant vegetation are proposed to be removed All vegetation on site has been planted in the past as part of the previous building development application.

All other site vegetation (trees and shrubs) are recommended to be removed.

No roosting or habitat hollows were observed in any vegetation/trees proposed to be removed.

As stated, this tabled report is a snapshot of the existing trees structural condition, health, and condition at that particular point in time on site and should be used as a guide when assessing this Development Application.

In summary, no objections to these tabled trees' removal are raised, subject to appropriate environmental safeguards and relevant replacement plantings where appropriate.

13.0 RECOMMENDATIONS

After close visual and physical investigation of the trees condition (VTA), results from the field investigations indicated the following:

Based upon our site inspection and observations, the site is heavily weed infested with self-seeded nuisance environmental weed species, consisting of Large Leaf Privet *(Ligustrum lucidum)* African olive *(Olea europaea* subsp. *Cuspidata),* Hackberry *(Celtis sinensis)* and Canary Island Date Palm *(Phoenix canariensis).* As per Councils Tree Management Policy, and DCP 2023, Section 5.4 Protection of the Natural Environmental, Subsection 5.3.4 Trees and Vegetation Preservation, these nuisance environmental weed species are TPO Exempt and may be removed without further consideration.

Additional trees and shrubs are also TPO Exempt due to their individual height requirements (Less than 5m), and or are located within 3m of the existing approved building and therefore may be removed without further consideration.

Significant site and adjoining Trees Numbered 47, 64, 87, 88, 121, 127, 131, 132, 134, 135, 136, 137, 138, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 152, 153, 154, 155, 156, 174, 175, 176, 177, 178, 179, 180, 181, 190, 191, 192, 207, 208, 209, 210 are sufficiently distanced to be safely retained, protected, and managed.

The following points may be considered for the proposed development and adjoining tree retention under this application;

- Avoid large changes to the surface structure due to modification of the tree's moisture / surface feeding roots,
- Outline basement construction is recommended to be contiguous piling, that does not require over excavation,
- Timber battens for trunk protection be undertaken for retained site trees to ensure no impacts to the tree trunks from delivery or construction vehicles,
- A Qualified Arborist/Horticulturalist undertakes all Arboricultural works,
- The existing brick retaining wall is to be removed via manual methods, if or as required,
- The new retaining wall to be erected no closer than the current form (no additional excavation), if or as required,
- Any exposed tree roots are to be covered with hessian and kept moist to ensure no sun damage and or drying out of roots,
- Any tree roots discovered are cut cleanly with root pruning devices,
- No tree roots over 40mm in diameter will be cut without project arborist and Council approval,
- Use of Ground Protection for root zone protection is undertaken using steel plates or equivalent over a 50-100mm deep aggregate or mulch layer to ensure no ground compaction around this trees TPZ Any landscaping within the Tree Protection Zone of retained tree is to be undertaken via hand digging, with no mechanical methods,
- Trees will be replaced in the landscape upon completion with advance canopy trees with all stock to comply with AS 2303 – 2018, Tree Stock for Landscape use and NATSPEC trees guide and planted and maintained in accordance with Councils specifications.
- No building waste is to be disposed of/or stored near the tree trunk or drip zone,
- Regular watering is to be undertaken in hot dry periods to alleviate any short-term stress or loss of available water,
- Erection of a chain mesh safety fence be installed to ensure the protection of Trees Critical Root Zone as per APPENDIX E4,

APPENDICIES

APPENDIX A: PROPOSED DEVELOPMENT CONCEPT AND LAYOUT

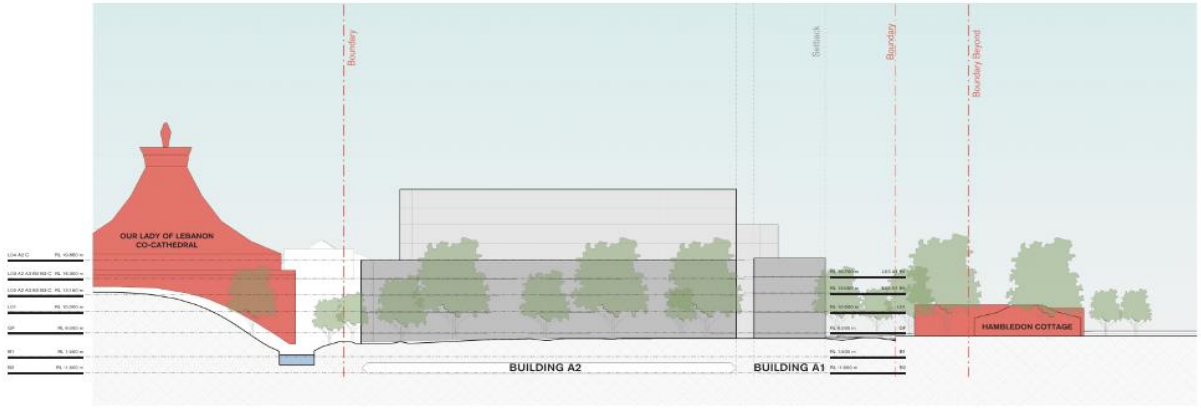


Figure.108 East Elevation - Gregory Place

Figure.109 West Elevation - Experiment Farm

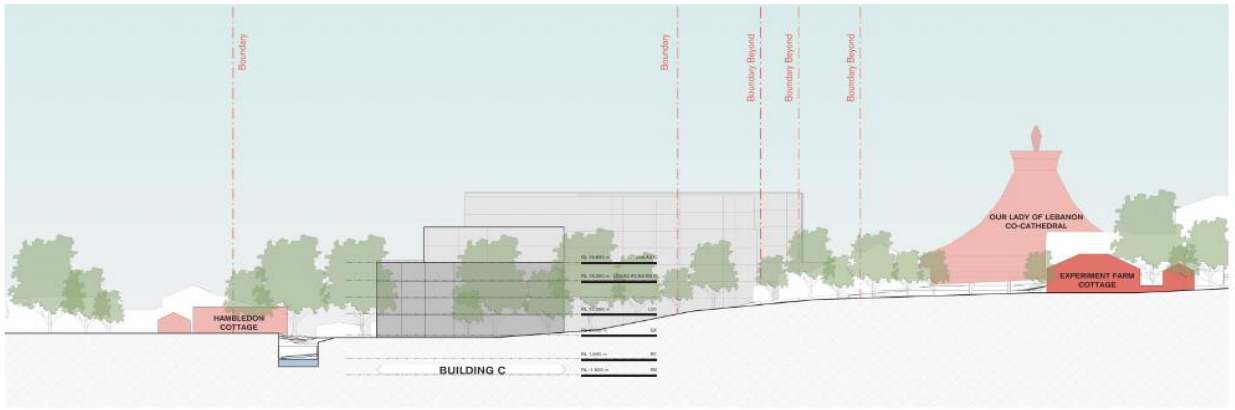


Figure.106 North Elevation - Landscaped Shared Zone

Figure.107 South Elevation - Channel Walk

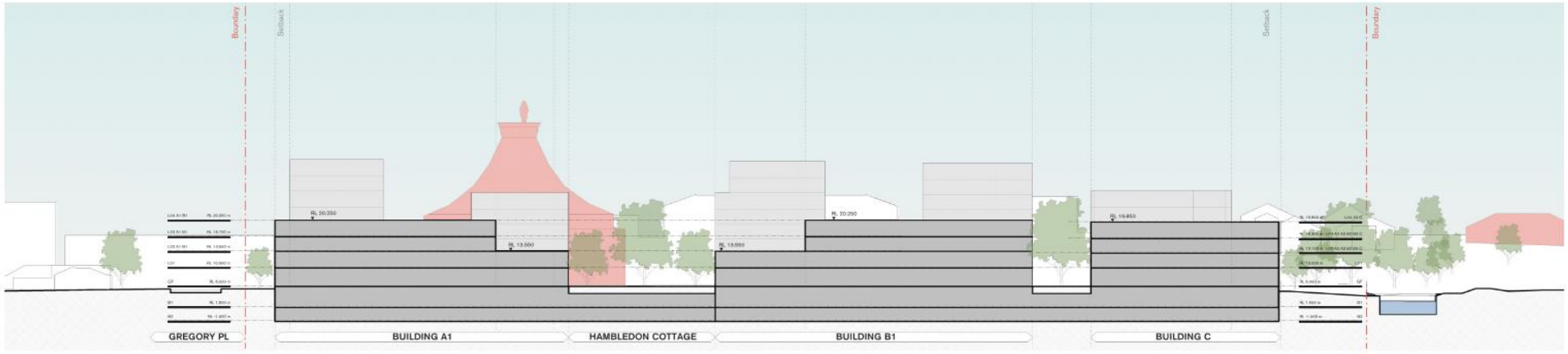
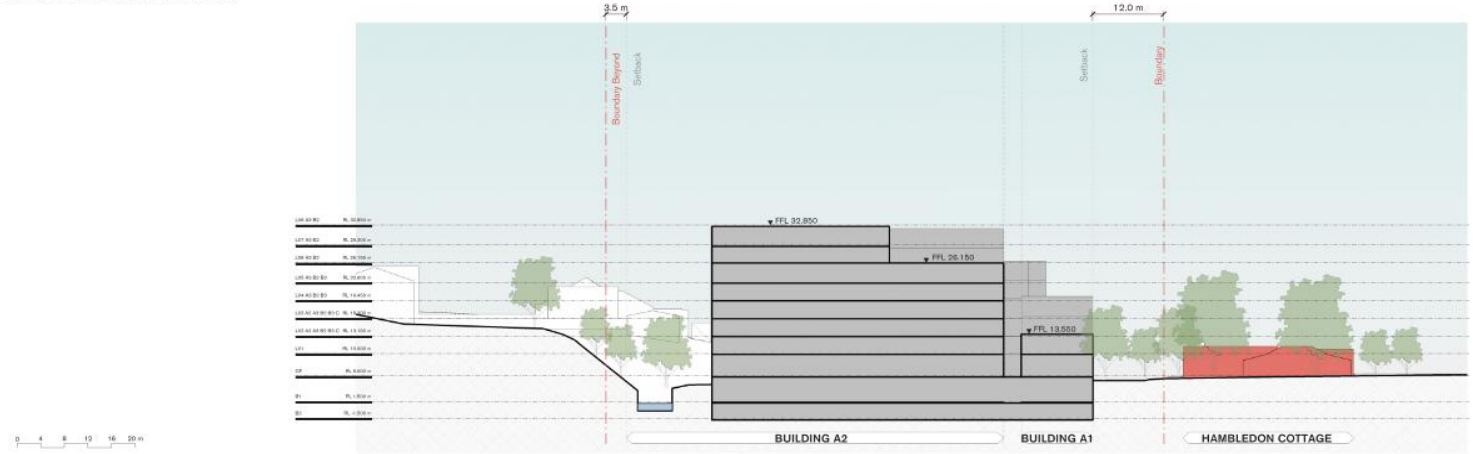


Figure.104 East/West Section

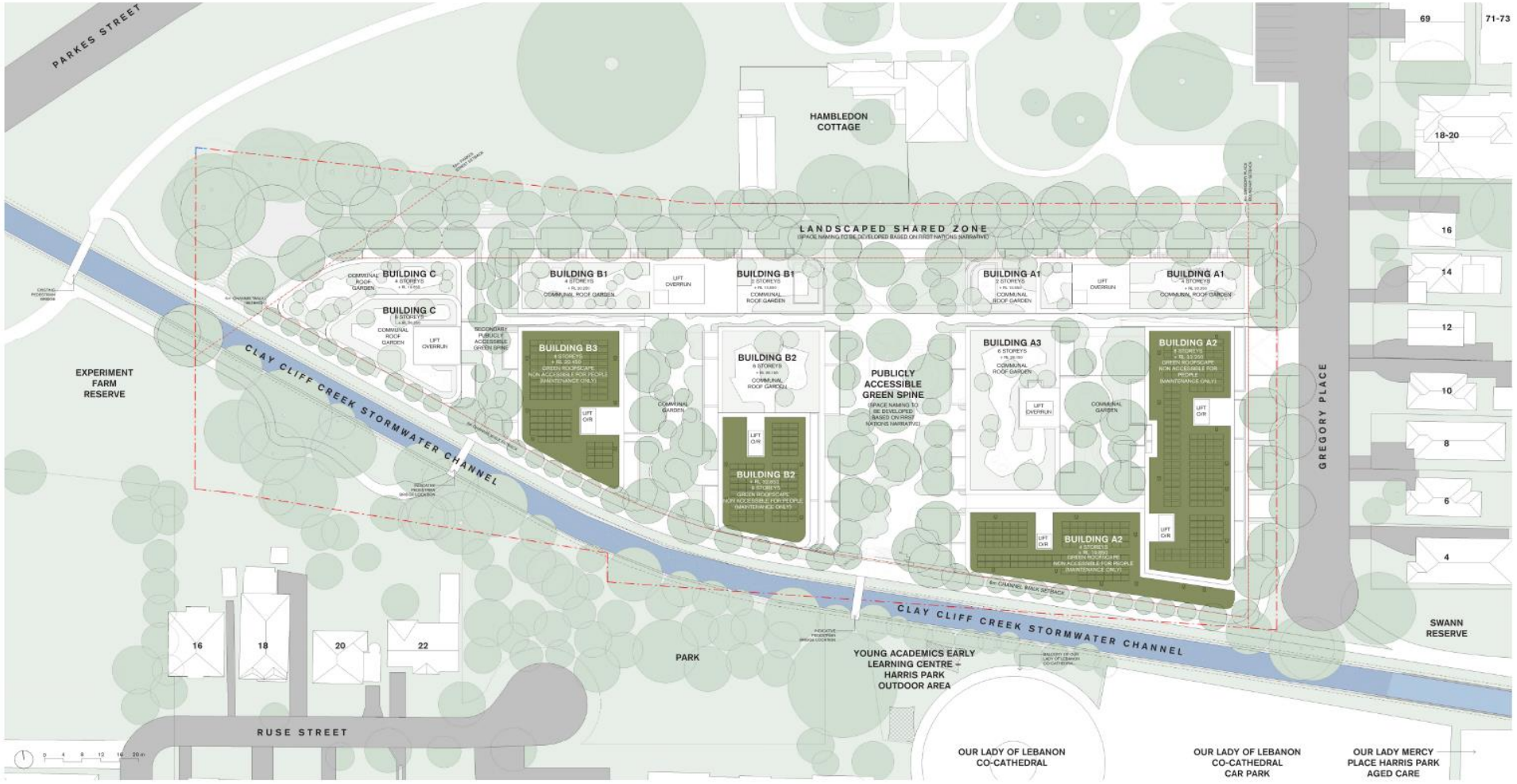
Figure.105 North/South Section



7 Concept Design - Architecture

7.1 Plans

7.1.11 Roof Plan




PARKES STREET
HAMBLEDON COTTAGE
LANDSCAPED SHARED ZONE
EXPERIMENT FARM RESERVE
CLAY CLIFF CREEK STORMWATER CHANNEL
PUBLICLY ACCESSIBLE GREEN SPINE
GREGORY PLACE
SWANN RESERVE
OUR LADY MERCY PLACE HARRIS PARK AGED CARE
RETAIL
SUBSTATION
Legend
1 Bed
2 Bed
3 Bed
Retail

7 Concept Design - Architecture

7.1 Plans

7.1.2 Basement 1 Plan

7 Concept Design - Architecture

7.1 Plans

7.1.1 Basement 2 Plan

APPENDIX B: SUPPORTING INFORMATION FOR TREE ASSESSMENT TABLE

B.1 TREE PROTECTION ZONE CALCULATION

A Tree Protection Zone (TPZ) is a radial distance measured from the centre of the trunk of the tree. The intention of the TPZ is to minimise incursions to the root system and canopy to ensure the long-term health and stability of the tree.

A commonly used delineation for the TPZ is the dripline (extent of the crown spread projected to the ground plane). However, this may not provide adequate protection for trees that have prominent leans or distorted imbalanced or narrow crowns. A more appropriate guideline is the trunk diameter.

The Tree trunk measurement is recorded and known as the Diameter at Breast Height (DBH) at 1.4 metres from ground level using a metric tape measure. The TPZ area is then calculated by DBH x 12.

The TPZ incorporates the Structural Root Zone (SRZ). The SRZ is the area required for tree stability and has a standard calculation formula. The SRZ calculation is only used when a major encroachment into a TPZ is proposed.

B.2 TREE AGE TERMINOLOGY

Rating	Description
Juvenile	Less than 20% of the life expectancy for the species
Semi-mature	Middle age trees, 20% to 50% of life expectancy
Mature	Greater than 50 – 80% of the life expectancy for the species
Over-mature	Greater than 80% of the life expectancy for the species, senescent tree, or those declining irreversibly to death

B.3 DEFINITION OF ASSESSED HEALTH AND CONDITION OF TREE

The condition of each tree has been rated in overall terms as one of the following:

Rating	Description
Good	The tree is generally healthy, vigorous, and free from the presence of major disease, obvious structural weaknesses, and fungal or insect infestation. It is expected to continue to live in the same condition as at the time of the inspection. Only small recommendations may be required to help continue the trees longevity.
Fair	The tree is generally vigorous but has some indication of decline possibly due to the early effects of disease, fungal or insect infestation, affected by physical (storm damage) or mechanical damage (Vandalism or involved in an accident by a vehicle), or is faltering due to the modification of the tree's environment essential for its survival. This tree group may recover with remedial work undertaken by a Qualified Arborist where appropriate or without intervention and may regain some vigour and stabilise over time. Medium recommendations are required to bring this tree up to a satisfactory standard.
Poor	The tree is exhibiting symptoms of advanced and irreversible decline due to possible factors such as fungal infestation, termite damage, ring barking of the tree's trunk due to borer infestation. Symptoms observed can include major die-back in branches, foliage thinning in the crown, and epicormic growth throughout the inner canopy. This tree group will normally decline further to death regardless of remedial works or modifications undertaken.
Dead	The tree is no longer alive and is in poor structural condition, that may cause damage to people or property and removal is strongly recommended.

B.4 ASSESSED STRUCTURAL CONDITION

This refers to the tree's form and growth habit, modified by its environment, including the state of the trunk and main structural branches. It considers the presence of defects such as decay, weak branch junctions and other visible abnormalities. Although some trees without defects fail in major storms, the presence of any defect will increase the chances of failure.

Rating	Description
Good	Trees with a single dominant trunk along which evenly spaced branches are spread. Branches have properly formed collars which provide strong attachment to the trunk and are about 25% of the trunk diameter. Minor structural defects may be present with low failure potentials.
Average	Trees with structural defects with low failure potential.
Fair	Trees with structural defects with medium failure potentials and require monitoring on an annual basis.
Poor	Trees with defects which have failed, or have a high risk of failing soon, and corrective action must be taken soon as possible.

B.5 SAFE USEFUL LIFE EXPECTANCY (SULE)

The remaining Safe Useful Life Expectancy of a tree is an estimate of the sustainability of the tree within the site/landscape, calculated based on an estimate of the average age of the species in an urban area, compared with its estimated current age. SULE ratings are estimated in line with the following table:

	1 LONG - 40+ yrs	2 MEDIUM - 15 to 40 yrs	3 SHORT- 5 to 15 yrs	4 REMOVAL - < 5 yrs	5 MOVED OR REPLACED
	Likely to be useful for over 40 years with acceptable risk and assuming reasonable maintenance	Likely to be useful for 15-40 years with acceptable risk and assuming reasonable maintenance	Trees that appeared to be retainable at the time of assessment for 5 to 15 years with acceptable level of risk.	Tree to be removed within the next 5 years	Tree which can be reliably moved or replaced.
A	Structurally sound trees growing in positions that can accommodate future growth	Trees which may only live 15-40 years	Trees that may only live between 5 and 15 more years.	Dead, dying, suppressed or declining trees through disease or inhospitable conditions.	Small tree less than 5m in height.
B	Trees which could be made suitable for long term retention by further care	Trees which may live for more than 40 years but which would be removed for safety or nuisance reasons	Trees which may live for more than 15 years but which would be removed for safety or nuisance reasons	Dangerous trees through instability or recent loss of adjacent trees.	Young trees less than 15 years old but over 5m in height.
C	Trees of special significance for history, commemorative or rarity reasons that warrant extraordinary efforts to secure their long-term future	Trees that may live for more than 40 years but would be removed to prevent interference with more suitable individuals or to provide space for new planting	Trees that may live for more than 15 years but should be removed to prevent interference with more suitable individuals or to provide space for new plantings	Dangerous trees through structural defects including cavities, decay included bark, wounds, or poor form.	Trees that have been pruned to artificially control growth.
D		Trees which could be made suitable for medium term retention by remedial care	Trees which require substantial remediation tree care and are only suitable for retention in the short term.	Damaged trees that are clearly not safe to retain.	
E				Trees that may live for more than 5 years but should be removed to prevent interference with more suitable individuals or to provide space for new plantings	
F				Trees damaging Or which may cause damage to existing structures within the next 5 years	
G				Trees that will become dangerous after removal of other tress for reasons given in A) to F)	

SULE table adapted from Barrell (1995).

NOTE: No tree is "safe" i.e. entirely without hazard potential. The SULE rating given to any tree in this report assumes that reasonable maintenance will be provided by & qualified arborist using correct and acknowledged techniques. Retained trees are to have a reasonable setback and be protected from root damage. Incorrect practices can significantly accelerate tree decline and increase hazard potential.

B.6 ECOLOGICAL SIGNIFICANCE

These categories are based upon the criteria used in the Thyer Tree Valuation Method (1996) to evaluate a tree's ecological benefit.

Rating	Description
None	Weed species
Low	Restricts desirable plants or of little benefit to fauna.
Medium	Beneficial to flora & fauna provides food source and/or shelter.
High	Remnant /indigenous species of native vegetation.
Very High	Indigenous species being an integral part of a natural ecosystem.

B.7 LANDSCAPE SIGNIFICANCE

The site's **Landscape Significance** is a subjective value determined by assessing a combination of cultural, environmental, and aesthetic values of the subject trees. This may aid in determining their overall retention value. Generally, the Landscape Significance of the subject trees has been determined using the following criteria:

RATING	DESCRIPTION
HIGH	The subject tree is listed as a Heritage Item under the *Local Environmental Plan* with a local or state level of significance.
	The subject tree forms part of the curtilage of a heritage item.
	The subject tree creates a 'sense of place' or is considered 'landmark' tree.
	The subject tree is of local, cultural, or historical importance or is widely known.
	The subject tree is listed on Council's Significance Tree Register.
	The subject tree is scheduled as a Threatened Species or Threatened Plant Community under replaced by the Biodiversity Conservation Act (2016)
	The subject tree is a remnant tree.
	The subject tree is a locally indigenous species and is representative of the original vegetation of the area.
	The subject tree provides habitat to a threatened species.
	The subject tree is an excellent representative of the species in terms of aesthetic value.
MODERATE	The subject tree makes a positive contribution to the visual character or amenity of the area.
	The subject tree provides a specific function such as screening or minimising the scale of a building.
	The subject tree has a known habitat value.
	The subject tree is a good representative of the species in terms of aesthetic value.
LOW	The subject tree is an environmental pest species or is exempt under the provisions of the local Council's Tree Preservation Order.
	The subject tree makes little or no contribution to the amenity of the locality.
	The subject tree is a poor representative of the species in terms of aesthetic value.
NIL	The subject tree is declared a Noxious Weed under the Biosecurity Act (2015)

*NOTE: If the tree can be categorised into more than one value, the higher value should be allocated.

B.8 RETENTION VALUE WITHIN THE LANDSCAPE

The Retention Values of the trees have been determined based on the estimated longevity of the individual tree with consideration of its landscape significance rating. Together with recommendations contained within this report, the information should be used to determine the most appropriate action for trees considered for either retention or removal.

Retention Value Rating	**Landscape/Environmental Significance**						
Estimated Life Expectancy	**1- Very High**	**2- Very High to High**	**3- High to Moderate**	**4 - Moderate**	**5- Moderate to Low**	**6- Low**	**7- Nil**
HIGH – (H) Greater than 40 Years	**High Retention Value**						
MEDIUM- (M) 15 to 40 Years			**Moderate Retention Value**				
LOW – (L) 5 to 15 years				**Low Retention Value**			
Less than 5 Years							
Dead or Hazardous							

APPENDIX C: TREE PROTECTION ZONES

The Tree Protection Zone (TPZ) is the designated area around a tree where optimum protection and preservation efforts should be implemented.

Root systems have two major functions, which are to obtain water and minerals from the soil and to give anchorage support to the tree. Most of the root system is in the surface 600mm to 800mm deep, extending radially for distances which are frequently in excess of the tree height. Unless conditions are uniform around the tree, which would be highly unusual, the extent of the root-systems can be irregular and difficult to predict. As tree roots are very opportunistic, they will not generally show the symmetry seen in the aerial parts.

On average, the tree's roots will extend to the outer reaches of their canopies, depending on morphology and disposition of the individual tree roots, and known to be influenced by past or existing site conditions including but not limited to;

- The individual tree species,
- Soil type, structure, and location,
- Topography and existing drainage,
- Location of either manmade hard structures or environment
- Pruning requirements, if required,

No disturbance should occur within this area. It is calculated by using a formula that considers the tolerance level of the species to disturbance, its age class, and its condition and trunk diameter.

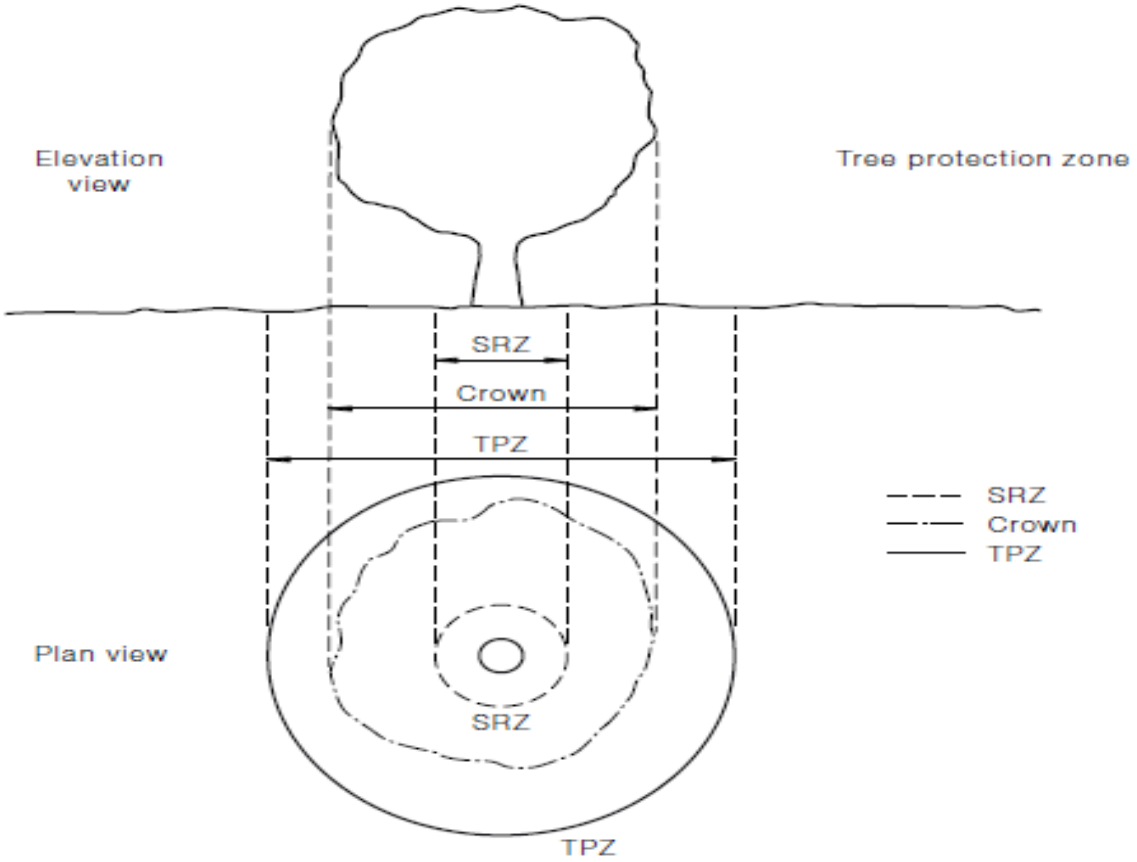
The main area for surface feeding roots to occur is from the tree trunk to the outer canopy known as the drip zone. These fibrous roots are less likely to occur under or near other buildings, as there is little surface moisture or soil air presence for root survival. These fibrous roots are those that take up water and nutrients.

While some tree roots will deeply penetrate the soil profile, in search of available water, most will occupy the first 60-80cm of the soil, as to obtain the needed sustenance. At times, it will not be possible to retain the optimum TPZ around each tree and any activities proposed within this area must be carefully analysed to minimise any effects on its health and/or stability.

The actual spread of the root system is largely dependent on the species involved, and their localised environment. Any work carried out within the TPZ should be reviewed and supervised by an appropriately qualified Arborist.

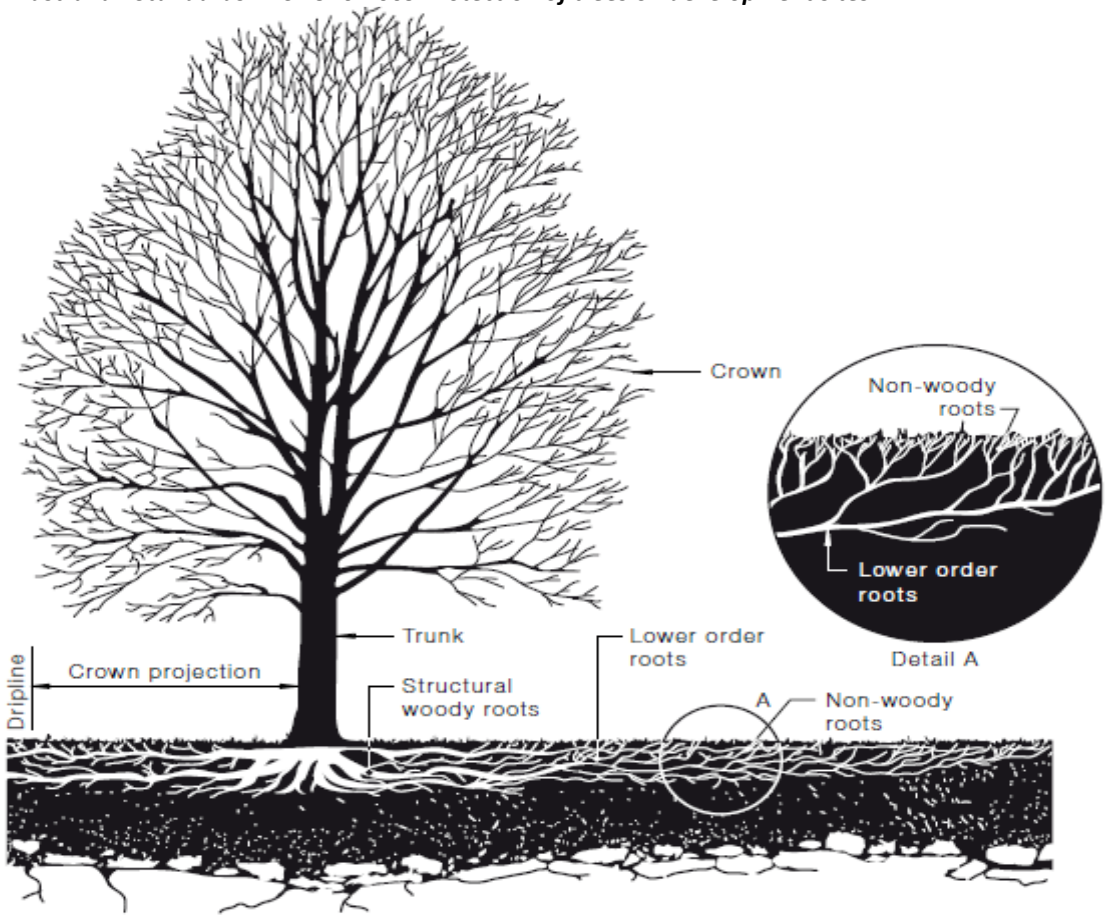
Construction works proposed to be undertaken around the trees if not correctly assessed may modify the natural water table and reduce the amount of soil air and moisture present/available to the trees and their longevity may be greatly diminished. Changing the drainage patterns around a tree by constructing a building, driveways, road, and paths etc will alter the amount of water the tree receives and may cause root death or damage. Trenches dug beside or adjoining large trees for water, sewer or services may also damage the roots and will make a tree unstable.

Older trees will tolerate far less stress than younger trees as with age they become less responsive and find it very strenuous to respond to changes in their environment.



C.1. Diagram of the TPZ and SRZ of a typical tree.

Source: Australian Standards - AS 4970-2009 Protection of trees on development sites.



C.2. Diagram of a typical tree root structure.

Source: Australian Standards - AS 4970-2009 Protection of trees on development sites.

C.3 PROHIBITED SITE WORKS WITHIN TREE PROTECTION ZONES

The trees identified to be retained shall be protected prior to and during the construction process from activities that may result in an adverse effect on its health, structure, or longevity.

Unless otherwise stated, and/or approved by Council/Consent Authority, the area within the Tree Protection Zone shall exclude the following activities:

- Modification of existing soil levels,
- Excavations and trenching,
- Cultivation of the soil,
- Mechanical removal of vegetation,
- Soil disturbance,
- Movement of natural rock,
- Storage of materials, plant, or equipment,
- Erection of site sheds,
- Affixing of signage or hoarding to the tree,
- Preparation of building materials,
- Disposal of waste materials and chemicals,
- Movement of pedestrian or vehicular traffic,
- Parking of vehicles or plant machines
- Temporary or permanent location of services i.e., water, electricity, sewer

C.4 WORKS WITHIN THE TREE PROTECTION ZONE

The Tree Protection Zone may need to be modified during the construction process to allow access between the tree to be retained and the construction works.

The Tree Protection Zone shall remain intact as specified and approved by Council until these works are to project completion. If access, encroachment, or incursion into the Tree Protection Zone is deemed essential, prior authorization is required by the Site Arborist.

Upon completion of the works within the Tree Protection Zone, the Tree Protection Fencing must remain erected until site machinery, sheds, storage facilities are removed.

The modification of the Tree Protection Zones may necessitate the dismantling of sections of the Tree Protection Fencing in the short term as part of the construction process. The Tree Protection Fence shall only be removed, altered, or relocated with the authorization of the Site Arborist in writing.

Where there is not sufficient space to place temporary site structures and they may be required to be placed within the specified TPZ, authorization is required by the Site Arborist prior to any works commencing.

APPENDIX D: RETENTION OF TREES GENERAL CONDITIONS.

The following points may be considered for the long-term retention of adjoining trees as listed in Section 6.0 Tree Identification Assessment Summary, not affected by this proposed development under this application.

- Avoid large changes to the surface structure due to modification of the tree's moisture / surface feeding roots,
- A Qualified Arborist/Horticulturalist undertakes all Arboricultural works,
- All trenching near the trees as required is to be hand dug to ensure minimal disturbance to additional surface feeding roots,
- Any tree roots discovered are cut cleanly with root pruning devices,
- Vertical deep watering points for stressed mature trees if or as required,
- Air-knife treatments, to alleviate soil compaction where trees are suffering stress, and to inspect tree root structures and growth patterns,
- Any proposed work located near the trunk or outer canopy of the trees drip line, where services are known to be in the vicinity, any excavation for services should be hand dug to ensure minimal impact to the trees surface feeding and support roots,
- Any tree roots that are exposed will be removed by approved Arboricultural techniques and have a root hormone i.e. Formula 20® or equivalent applied at the manufacture's specification,
- Any trenches undertaken near tree drip zones will be backfilled and compacted with an approved Australian Standard orchid mix 60/40 containing washed river sand and peat moss to a minimum depth of 700mm, the remaining soil profile is to be filled with an approved topsoil to meet the existing soil surface,
- No building waste is to be disposed of/or stored near the tree trunk or drip zone,
- To ameliorate impact of any development, advanced plants may be used in the Landscape Master Plan,
- Plantings should take into consideration the high priority of the streetscape and visual amenity,
- Any vegetation removed during the development is not mulched and used in landscaping due to the high levels of weed infestation on the site and the likelihood that seeds, and viable cuttings may be spread throughout the development,
- To ameliorate impact of any development, standard erosion and sediment controls are recommended,
- The trees drip line/zone is to be mulched to the Horticultural standard of 75mm,
- Regular watering is to be undertaken in hot dry periods to alleviate any short-term stress or loss of available water,
- Erection of a chain mesh safety fence be installed to ensure the protection of Trees Critical Root Zone as per APPENDIX E.5,
- A qualified Arborist should monitor these trees over a twelve (12) month period to evaluate the tree's recovery and provide technical information to Council, as required.

D.1 PRUNING/REMOVAL STANDARDS

Any pruning recommended in this report is to be to the Australian Standard® AS4373 'Pruning of Amenity Trees', Amenity Tree Industry "Code of Practise 1998 and conducted in accordance with the NSW Work Cover Authority Code of Practice for Tree Work 2007.

All pruning, or removal works are to be in accordance with the appropriate Tree Management Policy where applicable, or Tree Management Order (TMO), or Tree Preservation Order (TPO) and applicable consent conditions.

Tree maintenance work is specialised and in order to be undertaken safely and to ensure the works carried out are not detrimental to the survival of the tree or surrounding vegetation, all works should be undertaken by a qualified Arborist with appropriate competencies recognised within the Australian Qualification frame work, with a minimum of 5 years of continual experience within the industry of operational amenity arboriculture, and covered by appropriate and current types of insurance to undertake such works.

Any pruning near electricity wires should be undertaken in accordance with relative Electrical Safety Rules and be performed by persons individually authorised by Energy Australia with a "Work Near Overhead Power Lines" Certificate to undertake this scope of works.

D.2 ROOT PRUNING AND EXCAVATION WORKS

Minor roots (less than 40mm in diameter) to be pruned shall be cleanly severed with sharp, sterilised pruning implements. Hessian material shall be placed over the face of the excavation. Exposed roots shall be kept in a moist condition during the construction phase.

The main area for surface feeding roots to occur is from the tree trunk to the outer canopy known as the drip zone. These fibrous roots are less likely to occur under or near other buildings, as there is little surface moisture or soil air presence for root survival. These fibrous roots are those that take up water and nutrients.

If under the course of construction, the tree roots are damaged or adversely affected, their demise will cause drought stress; poor uptake of water and nutrients, slower dispersal of gums and resins and could, in the long term, influence the movement of certain compounds which make up the structure of the tree. Where major roots (greater than 40mmø) are encountered during excavations, further advice from the Site Arborist shall be sought prior to any pruning. Certain instances may require hand digging to ensure the trees health and overall stability.

APPENDIX E: PRE-CONSTRUCTION TREE PROTECTION MEASURES

E.1 APPOINTMENT OF SITE ARBORIST

A Site Arborist shall be appointed prior the commencement of all works on-site.

The Site Arborist shall monitor the trees to be retained and supervise the tree protection measures. The Site Arborist shall have a minimum qualification equivalent (using the Australian Qualifications Framework) of NSW TAFE Certificate Level 5 or above in Arboriculture. An allowance of Five-(5) working days' notice to allow inspections to be undertaken at the following stages would be considered standard practice.

INSPECTION/HOLD POINT	INSPECTION PERSONNEL
Identification of retained trees and installation of tree protection zone including protection fencing, silt fencing and appropriate signage.	Site Arborist to undertake with Site Supervisor.
Modification of the Tree Protection Zone if or as required.	Site Arborist to undertake with Site Supervisor.
Works within the Tree Protection Zone if or as required.	Site Arborist to undertake with Site Supervisor.
Completion of the construction works (Post Construction) and final inspection/sign off.	Site Arborist to undertake with Site Supervisor.

E.2 EDUCATION

The project development applicant, contractors and site workers shall receive a copy of the final/Council approved Arborist Assessment and specifications with a minimum of 3 working days prior to commencing work on-site.

Contractors and site workers undertaking works within the Tree Protection Zones shall sign the site log confirming they have read and understand these specifications, prior to undertaking works on-site.

E.3 TREE PROTECTION FENCING

Tree Protection Fencing shall be installed at the perimeter of the Tree Protection Zone as specified.

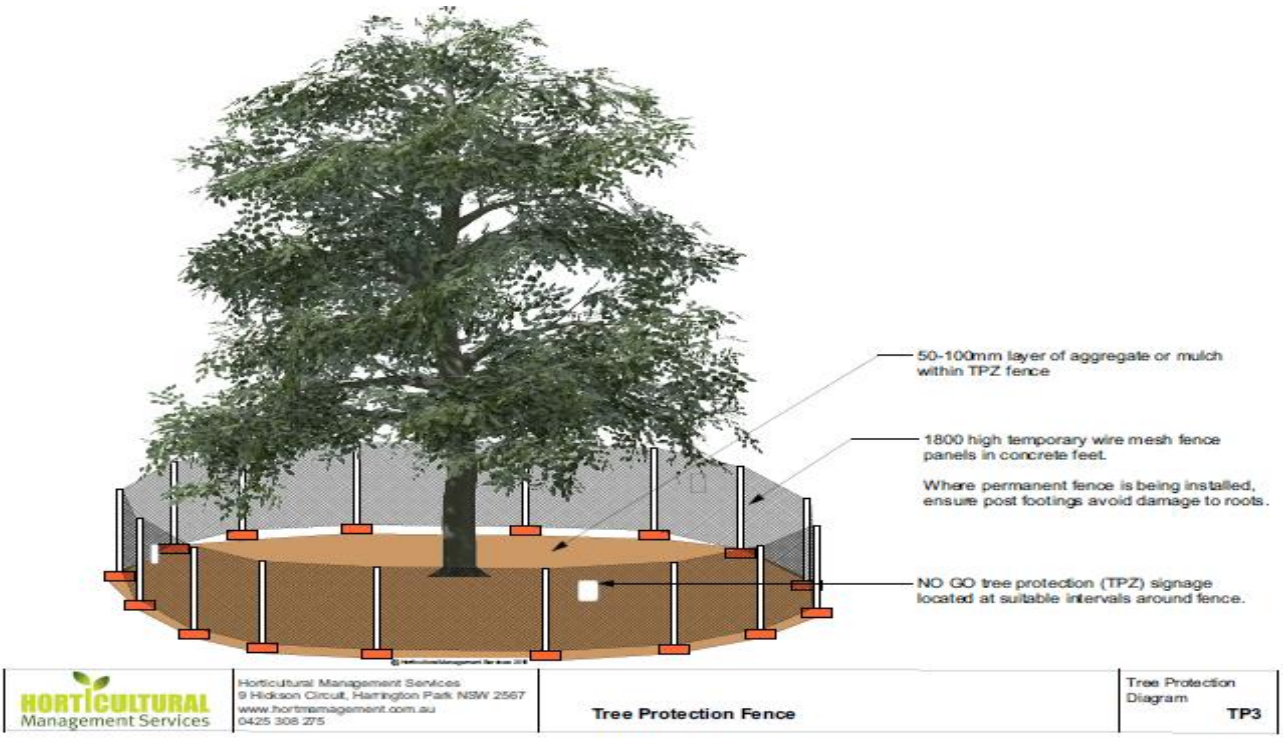
As a minimum, the Tree Protection Fence shall consist of 1.8m high temporary chain wire panels supported by steel poles/stakes. They shall be fastened together and supported to prevent sideways movement. The fence must have a lockable opening for access. The tree's woody roots shall not be damaged during the installation of the Tree Protection Fencing.

Shade cloth material shall be attached to the outer surface of the Tree Protection Fence. The shade cloth material shall be transparent to provide visibility into the Tree Protection Zone.

The Tree Protection Fence shall be erected prior to the commencement of works on-site and shall be maintained in good condition for the duration of the development period.

The Tree Protection Fence shall only be removed, altered, or relocated with the authorization from the Site Arborist in consultation with the Site Supervisor.

E.4 TREE PROTECTION FENCE



Source: AS 4970-2009 Protection of trees on development sites.

E.5 SIGNAGE

Tree Protection Signage shall be attached to the Tree Protection Zone and displayed in a prominent position on each tree protection fencing.

The signs shall be repeated at 10m intervals or closer where the fence changes direction. The signage shall be installed prior to the commencement of works on-site and shall be maintained in good condition for the duration of the development period.

The lettering for each sign shall be a minimum 72-point font size. The signs shall be a minimum size of 600 x 500mm. The lettering on the sign should comply with AS 1319. Each sign shall advise the following details;

- This fence has been installed to prevent damage to the tree and its natural environment. **Access is restricted.**
- If access, encroachment, or incursion into this Tree Protection Zone is required, prior authorisation is required by the Site Arborist.
- Name, address, and telephone number of the firm.

Source AS 4970-2009 Protection of trees on development sites

E.6 SILT FENCING, SEDIMENT CONTROL AND SOIL EROSION

To protect the sites habitat from soil erosion, an approved sedimentation control fence should be erected prior to the construction process.

The purpose of the silt fencing, and sediment control is to ensure that no soil material (erosion) enters or leaves the building site into Tree Protection Zones or any nearby dams or creeks etc. Silt fence shall be installed parallel to the contours in the area immediately above the Tree Protection Zone. The silt fence shall be installed by securing geo-fabric to secure post fencing.

The post pickets shall be placed at 200mm below existing soil surface. Any sedimentation barrier used is to remain in place for a minimum of 12 weeks after practical completion and can be removed after this time provided, plant growth, health, density, and condition have been noted by the Site Arborist.

A hay/straw bale shall be placed up slope from the silt fence and secured with timber stakes. The bottom of the geo-fabric shall be folded underneath the hay/straw bale.

To allow for the maintenance of both the Tree Protection Fence and the silt fence, the two- (2) fences shall be constructed separately and stand independently of each other. The silt fence shall be erected prior to the commencement of works on-site and shall be maintained in good condition for the duration of the development period.

It should be noted that the installation of silt fences as part of this Tree Protection Plan are not erosion and sediment control measures for the development.

The method and type of barrier is to be directed by Council and or as identified in EPA Guidelines, which covers the recently revised document **"Managing Urban Storm water: Soil and Construction Vol.1 (4th Edition)"** (also referred to as the **"Blue Book"**. The Blue Book covers a range of technical and management issues relating to erosion and sediment control in urban development (including standard drawings).

The Site should be left in a clean and tidy manner ensuring suitable mulch cover is applied within the trees drip zone prior to the sedimentation barrier removed.

E.7 SOIL PROTECTION WORKS

Where deemed necessary by the Site Arborist, the ground surface within the Tree Protection Zone shall be protected by laying geo-textile over the existing mulch cover.

Large diameter (up to 70mm) recycled railway ballast (basalt) shall be placed over the geo-textile material to a depth of 100mm.

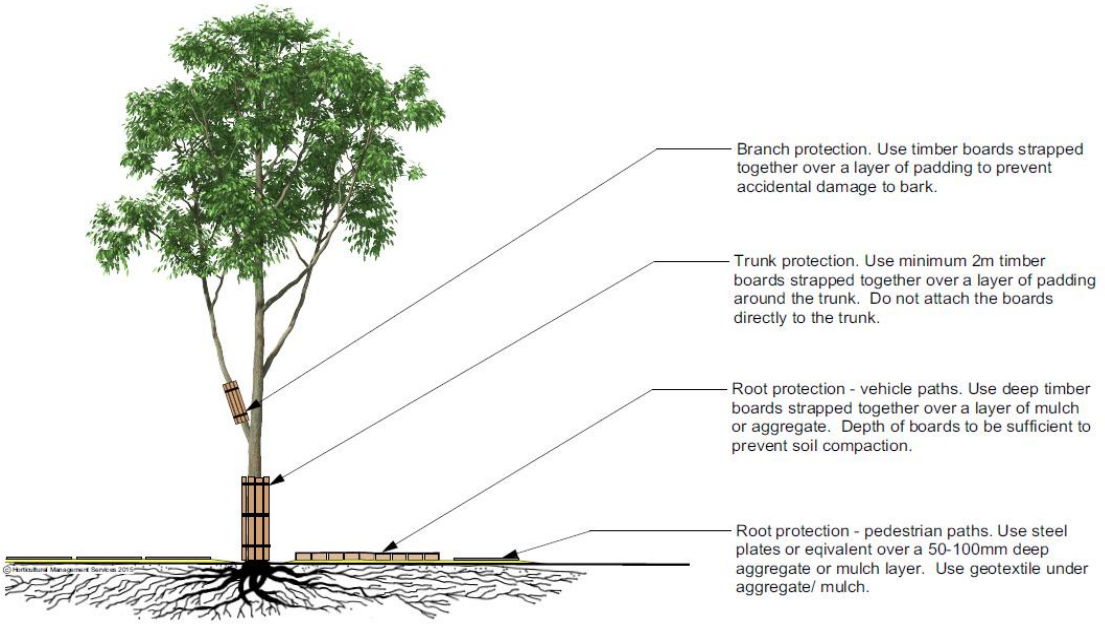
The soil layers shall not be inverted during the excavation works and topsoil shall be stockpiled on site for use in the landscape works. However, it is expected that stringent controls are imposed and implemented to minimise adverse impacts on the soil. These should be site specific and are beyond the scope of this report.

E.8 TREE TRUNK PROTECTION WORKS

Where deemed necessary by the Site Arborist, trunk protection shall be provided. Trunk protection may vary subject to the scope of works, trees age, height, and environmental conditions. For semi mature to mature trees shall be installed by wrapping around two-(2) layers of carpet underlay or similar around the trunk to a minimum height of 2m or where the lower scaffold branches allow.
The trunk shall further be protected with 2m lengths of timbers (75 x 50 x 200mm) spaced at 100mm centres, secured by wire rope. The wire rope shall not be fixed to the tree in any way. (See Diagram E.10)

E.9 TREE BRANCH PROTECTION WORKS

Where deemed necessary by the Site Arborist, branch protection shall be provided. Branch protection shall be installed by wrapping around two-(2) layers of carpet underlay or similar around the branch, secured by wire rope. The wire rope shall not be fixed to the tree in any way. (See Diagram E.10)



HORTICULTURAL Management Services	Horticultural Management Services 9 Hickson Circuit, Harrington Park NSW 2567 www.hortmamagement.com.au 0425 308 275	Trunk, Branch and Root Protection during Construction	Tree Protection Diagram TP4

E.10. Diagram of Trunk, Branch and Root protection during Construction.
Source: Australian Standards - AS 4970-2009 Protection of trees on development sites

NOTE: In the event of the tree that is to be retained becoming damaged during the construction period, the Site Arborist shall be informed to inspect and provide advice on remedial action if or as required.

APPENDIX F: SITE MANAGEMENT FOR RETAINED TREES

F.1 MATERIALS STORAGE

No materials shall be stored or located within the specified Tree Protection Zone.

A silt fence shall be installed down slope of any storage points. Storage points (where applicable) shall be covered when not in use. An appropriate Environmental spill kit shall be on site at all times for any unlikely spillages.

F.2 WASTE STORAGE

Waste storage shall not be located within the specified Tree Protection Zone.

A silt fence box style collection point shall be installed down slope from any waste/rubbish collection point. All rubbish shall be stored to prevent material loss caused by wind and or water. Skip bins shall be covered when not in use.

All debris collected should be removed from the site and disposed of in an authorized waste management facility. Natural debris such as logs, and rocks may be left as wildlife habitat provided it does not present a safety hazard or become an obstruction. In such cases it should be appropriately re-arranged and or secured.

Site sheds shall not be located within the specified Tree Protection Zone for any reason.

F.3 TRENCHING

Trenching may cause damage, die-back, structural integrity issues, collapse of the structure or even death to a tree over a period of time due to long term modifications to the site and the trees natural topography and this tree is valuable to the visual landscape amenity.

F.4 TRENCHLESS TECHNIQUE (BORING)

Trenchless techniques provide an alternative option for the safe retention and protection of a valuable natural asset for required service infrastructure. Consideration of directional boring, pipe jacking, impact moling and boring will reduce the potential impact to a trees natural environment and retain the sites visual amenity.

These options mentioned are reliable and have been long used to ensure the retention of significant existing vegetation.

Areas of landscape or grass disturbed during these works will be reinstated with the same variety of plants or lawn removed to a condition that would meet Horticultural current best practices.

F.5 UNDERBORING FOR PIPELINE INSTALLATION

Where underboring will pass within a tree's root structure consideration of the trees Tree Protection Zone (TPZ) and Structural Root Zone (SRZ) is required. The minimum depth for boring is considered to be around 800mm which is the depth from the existing soil level that the majority of anchorage and feeder root will be encountered.

Where underboring or trenching is adjacent to or within a trees TPZ the site/project Arborist is to be contacted at least three-(3) days prior to any works commencing to arrange and undertake a site inspection with recommendations for tree retention and protection.

Underboring is considered the preferred option for installation of services within close proximity to signification trees. Manual hand digging, or the use of high-pressure water and vacuum truck may be required if works are within the SRZ to ensure the trees anchorage system and overall health is not compromised.

F.6 MONITORING

The Site Arborist is recommended to monitor the site fortnightly throughout the development period to ensure these specifications are maintained. The site manager is recommended to keep a log recording the details of the site inspections for review by the Principal Certifying Authority prior to the release of the Compliance/Occupation Certificate.

Any changes to the proposed design or unforeseen site changes will require additional Arboricultural assessment.

The applicant/contractor shall complete all works tabled in this Arborist Assessment in accordance with this program as agreed with, any variations are to be formally submitted to the Site Arborist and or Certifying Authority for approval.

The work shall be deemed 'practically complete' when all works have been completed to the satisfaction of the Contractor and Certifying Authority.

F.7 PEST AND DISEASE MONITORING

All plants should be monitored for pest and disease every two weeks as part of the programmed site inspections. Insecticide is not recommended for native plant species unless the problem becomes severe. Most native plants will re-shoot after insect predation has passed.

APPENDIX G: SENSITIVE CONSTRUCTION APPROACH FOR ADJOINING TREES

Where works are unavoidable within the Tree Protection Zone (TPZ) and or Structural Root Zone (SRZ) of trees to be retained, the following should be considered, but not limited to;

- Minimise the direct and indirect impacts to tree roots and soil such as root severance or damage, soil excavation, compaction, and contamination,
- Allow for the free movement of water and oxygen within the soil of the TPZ,
- Allow for future rooting area adjacent to the TPZ,

Where the placement of footings within the SRZ cannot be avoided, root sensitive footing systems should be considered. Footing systems such as pier and beam, screw pile, waffle slab or cantilevered have the potential to reduce the impact on trees by retaining sections of soil and roots between the piers.

To achieve the most benefit from this type of construction, the following is recommended: -

- Discontinuous footings should be used within the SRZ of the subject tree. (standard footing design could be used outside this area),
- All beams should be above the natural soil grade/surface,
- The footing design should allow for the greatest achievable span between Piers (as per engineer's specifications/advice),
- Piers should not be placed within the Root Plate Radius of the subject tree,
- Foundations for the proposed piers should be initially hand dug to a depth of 500mm or to rock. If any roots are found that are greater than 40mmø, the pier position should be relocated, subject to engineer's advice,
- The proposed excavations should not result in the severance of roots greater than 40mmø,
- Care should be taken to avoid soil compaction between piers and any drilling machinery should remain outside the Tree Protection Zone. If access within the Tree Protection Zone by machinery cannot be avoided, appropriate compaction control methods should be used,
- Consider the type of equipment that will be used to drill holes for the piers and the clearance/tolerance requirement under the subject tree's canopy,
- These construction methods may require the implementation of post-construction maintenance such as irrigation and mulching. This would assist in minimising the potential impacts on tree health by providing favourable environment conditions for continued root growth and development.

Where achievable, pedestrian / vehicular access ways should be constructed of a semipermeable material (as listed above) and placed above grade to minimize the need for excavation. The strength of the pavement shall be selected to reduce the reliance on sub-base for strength.

Where appropriate, hand excavation and root pruning should be undertaken along the length of excavations adjacent to SRZs prior to any machine construction work. Major roots (greater than 40mmø) should not be severed or damaged. Minor roots (less than 40mmø) to be pruned should be cleanly severed.

APPENDIX H: POST CONSTRUCTION MAINTENANCE PROCESS

Upon the completion of construction works, a final assessment of the tree(s) shall be undertaken by the Site Arborist in consultation with the Site Supervisor. Items to be inspected and addressed shall include but not limited to;

- Tree Protection Zone measures, (*were they adequate?*)
- Any damage to the tree's root system, (*if applicable*)
- Any visible damage to the tree's trunk, branches, or canopy, (*if applicable*)
- Any changes in levels, soil structure, erosion, or loss of organic matter, (*if applicable*)
- Changes to wind loading in the crown through pruning requirement and effects of new structures, (*if applicable*)
- Pest and disease infestation, (*if observed*)
- Drought stress,
- Requirement for decompaction works, (*if applicable*)
- Requirement for further pruning works, (*if required*)
- Requirement for ongoing maintenance such as watering, mulching.

APPENDIX I: REMEDIAL ACTION PLAN TO REPORT AND ADDRESS NON-COMPLIANCE ISSUES

Site Address			
Project Arborist Name:		Contact Number	
Project Manager/ Builder/ Owner:		Contact Number	

STAGE 1 - PRE-DEMOLITION

Site Induction - Demolition Contractors

Meeting on Site Held? Yes / No **Date/ Time of Meeting**

Persons Present:

TMPP copy given to all parties? Yes / No

Site Access

Site Access determined and acceptable?	Yes / No
Modification Required to Tree Protection Plan?	Yes / No

Pruning and Vegetation/ Infrastructure Clearance within the TPZ

Tree Pruning required?	Yes / No / NA
Tree Pruning undertaken to AS4373?	Yes / No / NA
Tree Pruning undertaken in accordance with TMPP recommendations?	Yes / No / NA
Vegetation cleared from TPZ in accordance with TMPP recommendations?	Yes / No / NA
Infrastructure cleared from TPZ in accordance with TMPP recommendations?	Yes / No / NA

Fencing/ Trunk & Branch Protection/ Ground Protection/ Mulching

Fencing installed in correct location as per TMPP Protection Plan?	Yes / No / NA
Ground protection installed correctly as per TMPP Protection Plan?	Yes / No / NA
Trunk & Branch Protection installed correctly as per TMPP?	Yes / No / NA
Has the Tree Protection Area been mulched to 100mm depth?	Yes / No / NA
Is mulch type in accordance with the TMPP?	Yes / No / NA

Signage

Signage present?	Yes / No
Signage complies with TMPP?	Yes / No
Signage has Project Arborist contact details?	Yes / No

Root Pruning

Has root pruning been undertaken in accordance with TMPP?	Yes / No / NA

Supplementary Measures (list as needed)

Has the Tree Protection Area been watered in accordance with the TMPP?	Yes / No / NA

Other

Comments/ Notes re Stage 1 Certification

Photographs Taken? **Yes / No**

Date(s) Inspected: _____

Compliance Date: _____ **Signed:** _____

STAGE 2 - CONSTRUCTION

Site Induction - Builders/ Construction Trades

Meeting on Site Held?	Yes / No	**Date/ Time of Meeting**	

Persons Present:

TMPP copy given to all parties?	Yes / No

Site Access

Site Access determined and acceptable?	Yes / No
Modification Required to Tree Protection Plan?	Yes / No

Storage of Materials

Has an area been designated on site for the storage of materials/ waste?	Yes / No / NA
Does the storage area for materials etc. comply with the TMPP?	Yes / No / NA

Utility Service Locations

Have all utility services been marked out on site?	Yes / No / NA
Are all services located outside of the TPZ?	Yes / No / NA
Are services required to be bored under TPZ?	Yes / No / NA

Maintenance of Tree Protection Area

Is all tree protection fencing in the correct location?	Yes / No / NA
Does the tree protection plan need to be modified?	Yes / No / NA
Is all trunk and branch protection or ground protection in place?	Yes / No / NA
Has the Tree Protection Area been mulched to 100mm depth?	Yes / No / NA
Is mulch type in accordance with the TMPP?	Yes / No / NA
Has the Tree Protection Area been watered in accordance with the TMPP?	Yes / No / NA

Footings

Are all footings and installation in accordance with the TMPP?	Yes / No / NA

Comments/ Notes re Stage 2 Certification

Photographs Taken?	**Yes / No**

Date(s) Inspected: _____

Compliance Date: _____ **Signed:** _____

STAGE 3 - BUILDING COMPLETION AND LANDSCAPE CONSTRUCTION

Site Induction - Landscape Construction

Meeting on Site Held? Yes / No **Date/ Time of Meeting**

Persons Present:

TMPP copy given to all parties? Yes / No

Site Access

Site Access acceptable for landscape construction?	Yes / No
Modification Required to Tree Protection Plan?	Yes / No

Storage of Materials

Has an area been designated on site for the storage of materials/ waste?	Yes / No / NA
Does the storage area for materials etc. comply with the TMPP?	Yes / No / NA

Removal of Tree Protection Fencing

Can tree protection fencing and or ground protection be removed?	Yes / No / NA
Are specialised tree protection measures required?	Yes / No / NA

Landscape Construction

Do all works within the Tree Protection Area comply with the TMPP?	Yes / No / NA
Has the Tree Protection Area been watered in accordance with the TMPP?	Yes / No / NA

Comments/ Notes re Stage 3 Certification

Photographs Taken? **Yes / No**

Date(s) Inspected:

Signed

Compliance Date: :

STAGE 4 - FINAL CERTIFICATION

The Project Arborist has inspected all stages of the project as defined by the Tree Management and Protection Plan. Any action that has not complied has been rectified and approved by the Project Arborist. All works as noted within the approved Tree Management and Protection Plan have been undertaken and any modifications to the Tree Management and Protection Plan have been approved in writing by the local Responsible Authority.

Final Certification Approved? **Yes / No** **Photographs Taken?** **Yes / No**

Project Arborist: **Signed:**

Date of Final Certification:

APPENDIX J: TERMINOLOGY

CO-DOMINANT STEMS: The term 'co-dominant' is used to describe two or more stems or leaders that are approximately the same diameter and emerge from the same location on the main trunk. The junction where the two stems meet is a common location of above ground tree failure (Harris, Clark & Matheny, 1999).

CONDITION: An evaluation of the structural status of the tree including defects that may affect the useful life of an otherwise healthy specimen. Influencing factors include cavities and decay, weak unions between scaffolds {major branches) or trunks and faults of form or habit.

DBH: Acronym for trunk diameter at breast height (1 4m from ground level).

DEADWOOD: Deadwood is a normal function for plant growth and development. The safety of the target, namely pedestrians, is considered the primary basis for deadwood removal. As deadwood has an ecological value, the removal of deadwood is usually only carried where it is a potential hazard to site users. Dead wooding a tree does not increase its life expectancy.

DIEBACK: Dieback is the progressive death of branches or shoots originating from the tips. Dieback and decline are parts of a disease complex that have similar causal agents. Crown dieback is a recognizable, visible symptom of the early stages of decline and potential tree death.

DOMINANT: Trees with crowns above the upper layer of the canopy and generally receiving light from above and the sides.

EDGE: Trees located on the edge of a more dominant canopy of trees, and frequently possessing asymmetrical crowns, (heavier on the open side) and trunks that may be distorted due to competing with others for valuable nutrients i.e. soil air, water, light.

EPICORMIC GROWTH: Epicormic growth comes from dormant buds held in the cambium. Under normal growth conditions, these buds are held in a dormant state by hormones produced in the canopy. These shoots are often produced by the tree in response to injury or environmental stress. Epicormic growth has implications for tree structure as the attachment of an epicormic shoot is much weaker than that of a 'naturally' developed branch.

FOREST: Trees that have grown in a forest setting and only have about 1/3 of their canopy located on tall straight trunks.

INCLUDED BRANCH JUNCTIONS: Included branch junctions often form when two branches or trunks grow together at sharply acute angles, producing a wedge of inward-rolling bark. Junctions with included bark form weak attachments, as there is little connective tissue between the two stems.

INTERMEDIATE: Trees that have been overtopped, and become part of the understorey canopy

MYCORRHIZAE: Mycorrhizae are fungi that grow in symbiotic association with tree roots (especially the fine root hairs) and are attributed with increasing the uptake of nutrients, particularly phosphorus, and reducing infection from soil borne pathogens. They greatly increase the surface area of a tree's root system. Mycorrhizae require aerobic soil conditions and are reduced in number by compaction, waterlogging, and over-use of soil fertilisers. Forest litter or similar mulch provides ideal conditions for the proliferation of mycorrhizae.

NON-WOODY ROOTS: Extending from the woody root system, a mass of non-woody, fine feeder roots develop. These non-woody roots are active in water and nutrient uptake, are fine in structure, typically less than 0.5mm diameter, and include mycrorrhizal associations with some soil fungi.

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.

ROOT PLATE: This forms the main structural woody roots which provides overall anchorage for the tree. It is this central part of the root-system (large root mass with sub-soil normally attached) which may tilt over or rotates in storm events.

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 HAZARD POTENTIAL: An assessment of the risks associated in retaining a tree in its existing or proposed surrounds. Factors to consider are the growth characteristics of the species, tree vitality, condition and the frequency and type of potential targets. The impact the proposed works may have on tree vitality can only be assumed.

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.

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).

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'.

VITALITY: Indicates the energy reserves of the tree and is determined by the observed crown colour and density, the percentage of dead / dying branches and epicormic growth. The vitality of the canopy and that of the root system is interdependent. Root damage or heavy pruning draws on a tree's energy reserves. The tree's ability to initiate internal defence systems (compartmentalisation of damage) is reduced and it can also become predisposed to attack by insects and pathogens.

WOODY ROOTS: Beyond the root plate the root system rapidly subdivides into smaller diameter woody roots (hydrotropic) which conduct water and nutrients from the non-woody roots.

WORK: Any physical activity in relation to land that is specified by the determining authority.

WOUNDING: Wounding may be the result of mechanical injury from construction equipment; branch failure, splitting or cracking during high wind events. The long-term effects of tree wounding are the potential development of decay and loss of wood strength.

APPENDIX K: REFERENCES

American Society of Consulting Arborists (1995), A *Guide to Report Writing for Consulting Arborists*, International Society of Arboriculture, USA.

Australian Standard, 4970; 2009 – Protection of Trees on Development Sites, Australia

Barrell, J., (1993) 'Pre-planning Tree Surveys: Safe Useful Life Expectancy {SULE) is the Natural Progression' Arboricultural Journal Vol. 17, pp 33-46, AB Academic Publishers, Great Britain.

Barrell, J., (2001) 'Safe Useful Life Expectancy Categories updated 4/01' from Management of Mature Trees, proceeding of the 4th NAAA Tree Management Seminar, National Arborists Association of Australia, Sydney, Australia, Appendix 3.

Bradshaw, Hunt & Walmsley (1995), *Trees in the Urban Landscape*, E &FN Spon, London.

Dunster, J. A., Smiley, E. T., Matheny, N. P., & Lilly, S. (2017). Tree Risk Assessment Manual. International Society of Arboriculture.

Hadlington & Johnston (1988), *Australian Trees: Their Care & Repair*, UNSW Press, Sydney.

Harris, Clark & Matheny (1999), Arboriculture: Integrated Management of Landscape Trees,

Heatwole, H. & Lawman, M. (1986) 'Dieback. death of an Australian landscape' Reed Books Pry Ltd. Frenchs Forest, NSW

Matheny & Clark (1994), *A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas*, International Society of Arboriculture, USA

Mattheck & Breloer (1994), The Body Language of Trees: A Handbook for Failure Analysis, The Stationary Office, London.

Thyer, P. (1996) 'Thyer Tree Valuation Method'.

www.whereis.com.au.

www.Nearmaps.com.

Parramatta City Council Development Control Plan (DCP) 2023, Section 5.4 Protection of the Natural Environmental, Subsection 5.3.4 Trees and Vegetation Preservation.

APPENDIX L: CERTIFICATION

I certify that the enclosed "Arboricultural Impact Assessment, Tree Protection and Management Plan" for the proposed development at 2A Gregory Place, Parramatta NSW has been prepared by Horticultural Management Services.

To the best of my knowledge and professional integrity, it is true in all material particulars and does not, by its presentation or omission of information, materially mislead.

Qualifications:

- *Diploma of Arboriculture (AQF L5)*
- *International Society of Arboriculture (ISA) Tree Risk Assessment TRAQ Certified*
- *Diploma of Horticulture*
- *Diploma of Conservation and Land Management*

Scott Freeman

Scott Freeman
Principal
Horticultural Management Services