

Electric Line Clearance Plan 2023/24

Version No	Date Approved	Approved By	Issue Date
1.0		Jacqueline Ryan – Manager City Works (Acting) Chris Leivers - General Manager Infrastructure and Environment	

Contents

Definitions	5
Regulation 9(2) Preparation of a Management Plan	6
Regulation 9(4) Preparation of a Management Plan	6
(a) Name, address and telephone number of the City of Yarra	6
(b) Name, position, address and telephone number of the individual who was responsible for the preparation of the management plan	6
(c) Name, position, address and telephone number of the persons who are responsible for carrying out the management plan	7
(d) The telephone number of a person who can be contacted in an emergency that requires clearance of an electric line that the City of Yarra is required to keep clear of trees	7
Business Hours	7
After Hours.....	7
(e) The objectives of the management plan	8
(f) The land to which the management plan applies (as indicated on a map)	8
(g) Any hazardous bushfire risk areas and low bushfire risk areas in the land referred to in paragraph (f) (as indicated on the map)	8
(h) The location of areas containing trees which may need to be cut or removed to ensure compliance with the Code and that are:	8
Indigenous to Victoria	8
Listed in a planning scheme to be of ecological, historical or aesthetic significance.....	9
Trees of cultural or environmental significance	9
(i) The means which the City of Yarra is required to use to identify a tree specified in paragraph (h)(i), (ii) or (iii)	9
(j) The management procedures that the City of Yarra is required to adopt to ensure compliance with the Code, which must:	10
I. Include details of the methods to be adopted for managing trees and maintaining a minimum clearance space as required by the Code:.....	10
II. Specify the method for determining an additional distance that allows for cable sag and sway.	12
(k) The procedures to be adopted if it is not practicable to comply with the requirements of AS 4373 while cutting a tree in accordance with the Code.	12
(l) A description of each alternative compliance mechanism in respect of which the City of Yarra has applied, or proposed to apply, for approval under clause 31 of the Code.	14
(m) The details of each approval for an alternative compliance mechanism that:	14
I. The City of Yarra holds.	14
II. Is in effect.....	14
(n) A description of the measures that must be used to assess the performance of the City of Yarra under the management plan.....	14

(o)	Details of the audit processes that must be used to determine the City of Yarra’s compliance with the Code	15
(p)	The qualifications and experience that the City of Yarra must require of the persons who are to carry out the inspection, cutting or removal of trees	16
(q)	Notification and consultation procedures.	17
(r)	Dispute resolution procedures.	17
Regulation 10 – Obligations relating to Management Plan.....		18
(6)	A Responsible Person must ensure that a copy of the management plan is published on the City of Yarra Internet site	18
Regulation 11 – Exemptions		19
(2)	A Responsible Person who receives an exemption must comply with the conditions (if any) of the exemption.	19
SCHEDULE 1 – CODE OF PRACTICE FOR ELECTRIC LINE CLEARANCE, PART 2 – CLEARANCE RESPONSIBILITIES, DIVISION 1 – ROLES OF CITY OF YARRAS.....		
4	Exception to minimum clearance space for structural branches around insulated low voltage electric lines	19
5	<i>Exception to minimum clearance space for small branches around insulated low voltage electric lines.....</i>	20
6	<i>Exception to minimum clearance space for small branches around uninsulated low voltage electric lines in low bushfire risk areas.....</i>	20
7	<i>Exception to minimum clearance space for structural branches around uninsulated low voltage electric lines in low bushfire risk areas.....</i>	21
9	Responsible Person may cut or remove hazard tree	21
10	Cutting a tree must, as far as practicable cut the tree in accordance with AS4373 as published or amended from time to time.	22
11	Cutting or removal of indigenous or significant trees must be minimised.....	22
(3)(a)	Indigenous trees.....	22
(3)(b)	Trees listed in a planning scheme to be of ecological, historical or aesthetic significance.....	22
(3)(c)	Trees of cultural or environmental significance	23
12	Cutting or removal of habitat for threatened fauna.....	23
13	Restriction on timing of cutting or removal if notification is required.....	24
14	Restriction on urgent cutting of trees.....	24
15	Restriction on urgent removal of trees.....	24
16	Responsible Person must provide notification before cutting or removing certain trees ...	24
17	Responsible Person must provide notification before cutting or removing certain trees ...	24
18	Responsible Person must consult with occupier or owner of private property before cutting or removing certain trees	24
19	Notification and record keeping requirements for urgent cutting or removal	24

20	Duty relating to the safety of cutting or removal of trees close to an electric line.	24
21	Duty relating to assisting to determine the allowance for cable sag and sway.	25
22	Duties relating to management procedures to minimise danger.	25
31	Application for approval of alternative compliance mechanism.	25
32	Formal safety assessment of alternative compliance mechanism.	25
Appendices.....		26
Appendix 1 – Map of City of Yarra		26
Appendix 2 – Trees of Indigenous, Heritage or Cultural Significance		27
Appendix 2.1 – Indigenous Trees		27
Appendix 2.2 – Heritage Trees and Properties		27
Appendix 2.3 – Trees of Horticultural, aesthetic, historical, social or cultural signifiance.....		28
Appendix 3 – Applicable distance for middle two thirds of a span of an electric line.....		32
Appendix 4 – Cyclic Pruning Program Timeframe		36
Appendix 5 - Example of City of Yarra Audit Forms		37
Appendix 5.1 – Pruning Audit Form		37
Appendix 5.2 – OH&S Audit Form.....		38
Appendix 6 – Skills Report.....		42
Appendix 7 – Public Works Notification		43

Definitions

CFA – Country Fire Authority

Code – Code of Practice for Electric Line Clearance as defined in the Schedule of the Electricity Safety (Electric Line Clearance) Regulations 2020.

conductor – Overhead powerline.

declared area – The area of the municipality where vegetation management around powerlines is the responsibility of City of Yarra.

DELWP - [Department of Environment, Land, Water and Planning](#)

ESV – Energy Safe Victoria

LBRA – Low Bushfire Risk Area - An area that a fire control authority has assigned a fire hazard rating of “low” under section 80 of the Act; or an urban area.

Plan – City of Yarra Electric Line Clearance Management Plan

Regulations - Electricity Safety (Electric Line Clearance) Regulations 2020.

suitably qualified arborist – an arborist who holds a minimum of Certificate IV Arboriculture, Assess trees module and 3 years experience.

The Act – Electricity Safety Act 1998

Regulation 9(2) Preparation of a Management Plan

The following sections are in response to Regulation 9(2) – Preparation of a Management Plan, Part 2 of the Electricity Safety (Electric Line Clearance) Regulations 2020.

City of Yarra, Manager City Works and Coordinator Open Space Services or delegated authority will review and amend the Plan annually. The amended document will be submitted to the General Manager Infrastructure and Environment for review and authorisation prior to the 31st of March each year.

Preparation of this document is scheduled in the Parks and Infrastructure calendar for the first week in February every year. The preparation of this document will include a review of all processes and procedures and their effectiveness in meeting the plan objectives.

The new document will be submitted to the General Manager Infrastructure and Environment for review and authorisation prior to the 31st of March each year. The superseded document will be removed from circulation on 30 June of each year and replaced with the new approved document.

City of Yarra, Coordinator Open Space Services will submit the Plan within 14 days of a request.

Regulation 9(4) Preparation of a Management Plan

The following sections are as per Regulation 9(4) of the Electricity Safety (Electric Line Clearance) Regulations 2020

(a) Name, address and telephone number of the City of Yarra

Name: City of Yarra
Address: 333 Bridge Road, Richmond Victoria 3121
Telephone No: (03) 9205 5555
Facsimile No: (03) 8417 6666
Name of Chief Executive Officer: Sue Wilkinson

(b) Name, position, address and telephone number of the individual who was responsible for the preparation of the management plan

Name: Chris Leivers
Position: General Manager Infrastructure and Environment
Address: 333 Bridge Road, Richmond Victoria 3121
Telephone No: (03) 9205 5555
Email Address: info@yarracity.vic.gov.au

(c) Name, position, address and telephone number of the persons who are responsible for carrying out the management plan

Name: Jacqueline Ryan
Position: Manager City Works (Acting)
Address: 333 Bridge Road, Richmond Victoria 3121
Telephone No: (03) 9205 5555
Email Address: info@yarracity.vic.gov.au

And

Name: Glen Williames
Position: Coordinator Open Space Services
Address: 333 Bridge Road, Richmond Victoria 3121
Telephone No: (03) 9205 5555
Email Address: info@yarracity.vic.gov.au

(d) The telephone number of a person who can be contacted in an emergency that requires clearance of an electric line that the City of Yarra is required to keep clear of trees

Business Hours

Name: Customer Service
Emergency Telephone No: (03) 9205 5555

After Hours

Name: After Hours Service
Emergency Telephone No: (03) 9205 5555

(e) The objectives of the management plan

- To maintain public and electrical safety.
- To comply with the Regulations and Code, whilst protecting areas of important vegetation as identified in the Plan.
- To minimise fire starts that may occur due to contact between vegetation and the electricity network.
- To assist in the provision of reliable electrical supply.
- To provide a safe working place for employees and Contractors.
- To manage vegetation in a manner that maximises the amenity and environmental benefits.
- To protect areas of important vegetation which may be deemed as such on the basis of those areas listed in a planning scheme to be of ecological, historical or aesthetic significance or trees of cultural or environmental significance.
- To maintain community satisfaction with the manner in which the necessary works are carried out.
- To continuously improve the Plan and its implementation through the use of measurable KPI's as defined in Clause 9(3)(m)

(f) The land to which the management plan applies (as indicated on a map)

The City of Yarra municipality is located in the inner eastern and northern suburbs of Melbourne and encompasses approximately 19.5 square kilometres.

The entire municipality is a declared area and is designated LBRA by the CFA. A map of the declared area is contained in *Appendix 1 – Map of City of Yarra*.

The City of Yarra's declared areas contain spans of both low and high voltage conductors. The City of Yarra has information on electrical assets incorporated into the organisations GIS system.

The Bushfire Risk Area Boundary information is reviewed in consultation with the CFA. This process occurs every 12 months with the preparation of the Plan.

(g) Any hazardous bushfire risk areas and low bushfire risk areas in the land referred to in paragraph (f) (as indicated on the map)

The entire municipality is a declared area and is designated LBRA by the CFA. A map of the declared area is contained in *Appendix 1 – Map of City of Yarra*.

(h) The location of areas containing trees which may need to be cut or removed to ensure compliance with the Code and that are:

Indigenous to Victoria

A list of species can be found at *Appendix 2.1 - Indigenous Trees*

The City of Yarra maintains a tree inventory that identifies the location and species of each tree. To ensure the trees are identified correctly the City of Yarra utilises suitably qualified arborists for inspections who are able to identify the relevant species.

Listed in a planning scheme to be of ecological, historical or aesthetic significance

The Planning Scheme within the City of Yarra Planning Scheme lists 11 sites where tree controls apply, and a permit is required to remove, destroy or lop a tree. The list of trees/sites is contained in *Appendix 2.2 – Heritage Trees and Properties* which identifies seven (7) trees managed by Council and (4) trees managed by the network operator.

A Heritage Overlay permit exemption is listed for any action which is necessary to keep the whole or any part of a tree clear of an electric line provided the action is carried out in accordance with a code of practice prepared under Section 86 of the Act. Pruning is still required to be compliant with this Plan.

Trees of cultural or environmental significance

At present the City of Yarra is not aware of any threatened flora or fauna which may be affected by the implementation of this Plan. If any such situations are identified, they will be reviewed and listed in future issues of the plan.

The City of Yarra is not aware of any trees located in the City of Yarra that are listed on the Aboriginal Tree Register and affected by this Plan.

The City of Yarra maintains a list of Significant Trees that have been nominated by the community as being of cultural significance. The full list can be found at <https://www.yarracity.vic.gov.au/services/cleaning-and-maintenance/trees/significant-trees>, the 147 trees applicable to the Plan are listed in *Appendix 2.3 – Trees of horticultural, aesthetic, historical, environmental, social or cultural significance*.

As part of the preparation for the Plan, the City of Yarra will consult with all relevant bodies and standards to ensure all organisational procedures are current.

(i) The means which the City of Yarra is required to use to identify a tree specified in paragraph (h)(i), (ii) or (iii)

The City of Yarra should consult:

Table 1 - Contacts for consultation

Location of:	Organisation	Method
Native trees	The City of Yarra	Refer to <i>Appendix 2.1 – Indigenous Trees</i>
Native trees	DELWP	https://www.environment.vic.gov.au/native-vegetation/native-vegetation
Heritage Trees	The City of Yarra	Refer to <i>Appendix 2.2 – Heritage Trees and Properties</i>
Planning scheme	DELWP	http://planningschemes.dpcd.vic.gov.au/schemes/yarra
Planning scheme / Cultural	The Victorian Heritage Database	http://vhd.heritage.vic.gov.au/vhd/heritagevic
Cultural	Victorian Aboriginal Heritage Register	http://www.vic.gov.au/aboriginalvictoria/heritage/heritage-tools-and-publications/victorian-aboriginal-heritage-register.html
Cultural	The City of Yarra	Refer to <i>Appendix 2.3 – Trees of horticultural, aesthetic, historical, environmental, social or cultural significance</i> .

Threatened Vertebrate and invertebrate fauna	DELWP	https://www.environment.vic.gov.au/_data/assets/pdf_file/0019/50239/201706-FFG-Threatened-List.pdf
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The City of Yarra will also seek specialist advice (where necessary) to determine if any species (or habitat thereof) or communities on the threatened flora or fauna advisory lists or listed under the Flora and Fauna Guarantee Act 1998 are endangered by works to prune or remove trees.

The City of Yarra will inform employees, contractors, and other agencies involved in electrical line clearance works, of the location of trees within the municipality that are known to have ecological, historic, aesthetic, cultural or environmental significance. A copy of the Plan and this information will be provided annually.

The City of Yarra will also continue to work with relevant agencies to ensure the aesthetics and viability of significant trees are not compromised by line clearance works.

As part of the preparation for the Plan, the City of Yarra will consult with all relevant bodies and standards to ensure all organisational procedures are current.

(j) The management procedures that the City of Yarra is required to adopt to ensure compliance with the Code, which must:

I. Include details of the methods to be adopted for managing trees and maintaining a minimum clearance space as required by the Code:

The City of Yarra has an estimated 24,500 street trees, with an estimated 2,577 near power lines that may require clearance pruning. These trees are recorded in the tree database.

The City of Yarra manages the trees through a combination of a cyclic program, reactive maintenance works and tree removals.

The Cyclic Program consists of an annual inspection of all trees within the vicinity of High Voltage power lines, and a biennial inspection of all remaining trees.

The City of Yarra is divided into ten (10) blocks defined by suburb boundaries, with each block being completed within eight (8) weeks.

- All trees under or adjacent to power lines are to be inspected as part of the cyclic pruning program.
- All inspections are to be completed by a suitably qualified arborist.
- Works identified during inspection are completed within ten (10) weeks.
- Where pruning is required, the extent of pruning will maintain minimum clearances (*Appendix 3 – Applicable distance for middle two thirds of a span of an electric line*) and provide additional clearance as necessary to prevent regrowth from entering the clearance space between pruning cycles and manage the sag and sway of electrical conductors for spans great than 45 meters in length.
- Works are initially focussed on achieving High Voltage clearances and additional contractor resources will be engaged to undertake live line pruning where required.
- Each tree within the zone program is inspected and pruned at a frequency where regrowth can be easily maintained, therefore it is unnecessary to record regrowth data.
- All works and condition assessments are recorded in the contractor database.

- A quality audit of trees is undertaken by the Arborist or delegated officer for each completed block to ensure compliance with the Electric Safety (Electric Line Clearance) Regulations 2020 (*Appendix 3 – Applicable distance for middle two thirds of a span of an electric line*) and AS 4373-2007 (*Appendix 5 – Example of Cyclic Pruning Block Audit Forms*). The completion audit includes assessing an allowance for regrowth for the length of the pruning cycle.

Reactive maintenance works occur where trees are identified as being non-compliant outside the normal maintenance regime, these trees can be reported to 03 9205 5555, and then referred to the Arborist or delegated officer for assessment of work requirements and allocation to City of Yarra’s current contractor.

- Non-urgent reactive works are to be completed within fifteen (15) business days of the works being allocated, unless another timeframe is determined by the Arborist at the time of allocation.
- In situations of high priority, the primary aim is to respond within one (1) hour and make the site safe as soon as is practicable, depending on the situation. Additional works will be scheduled as required.
- All works are recorded in the City of Yarra’s document management system.
- Trees will be pruned to the minimum clearances outlined in the Electric Safety (Electric Line Clearance) Regulations 2020 (see *Appendix 3 – Applicable distance for middle two thirds of a span of an electric line*). All pruning should conform to AS 4373-2007 – Pruning of Amenity Trees as far as practicable. If this is not possible the tree shall be referred to the Arborist for alternative management solutions as per Section 9(3)(k) of the Plan.

Proactive tree removals of unsuitable tree species will occur when a suitably qualified and experienced Arborist has determined a tree cannot be managed to comply with the Code, is not eligible for an exemption and the appropriate tree removal protocols have been applied. The process involves:

- In-house staff or contractor identifies a tree that cannot be managed by pruning,
- The Arborist or delegated arboricultural officer inspects the tree to confirm
 - The tree cannot be managed through pruning,
 - Is not eligible for an exception, and
 - Does not meet the criteria for engineering solutions.
- Community notification is undertaken regarding the removal of the tree.
- Works are programmed as per the reactive works process.
- Removal of tree and stump completed within four (4) weeks business days or in accordance with timelines required by Network Operator if a shutdown is required for safety.
- Actions recorded in the document management system
- If the site location is suitable, tree replacement is programmed for the following year.
- Formative pruning to assist with maintaining clearances conducted during establishment period.
- Inspect and prune in accordance with Plan

Tree Planting will be undertaken near powerlines if the site location is appropriate. Tree species to be planted will be selected by the Arborist, or delegated officer, who will consider the species characteristics and site constraints to select a suitable species.

The Coordinator Open Space Services will consult with adjoining Councils, relevant Network Operator's and other key stakeholders as required to facilitate compliance with the Code.

Network Operators are responsible for organising regular meetings that the Coordinator Open Space Services or a delegated officer will attend. The City of Yarra expects a minimum of two meetings per year to be scheduled.

II. Specify the method for determining an additional distance that allows for cable sag and sway.

Minimum clearances for sag and sway for spans below 100m in length will be maintained in compliance with the distances in the clearance graphs in Schedule 2 of the Code. Graphs 1, 2, 3 and 4 of Schedule 2 of the Regulations will inform allowance for sag and sway in LBRA areas and graphs 5 and 6 will inform allowance for sag and sway in HBRA areas to confirm requirements (*Appendix 3 – Applicable distance for middle two thirds of a span of an electric line*).

For spans greater than 100m in length the City of Yarra will contact the Network Operator to provide the required clearance distance to allow for sag and sway for the appropriate part of the electric line span. This information will be recorded against the affected tree and be available to operators in the field via tablets, for a minimum of five years.

- The City of Yarra does not currently have information relating to the sag and sway clearances required for any spans greater than 100m in length.
- As this information is obtained the clearance requirement will be recorded in the City of Yarra document management system and used to inform management practices.

(k) The procedures to be adopted if it is not practicable to comply with the requirements of AS 4373 while cutting a tree in accordance with the Code.

The City of Yarra requires all staff and contractors pruning trees within the municipality to comply with AS4373 Pruning of Amenity Trees (AS4373) as far as is reasonably practicable.

Reasonably practicably in relation to AS4373 means that which is, or was at a particular time, reasonably able to be done in relation to ensuring continued tree health and future tree safety, taking into account and weighing up all relevant matters including:

- Will the action create a defect, hazard, loss of tree health or aesthetic value in the present or future,
- What will the impact be on the tree or future safety of the public,
- What the person concerned knows, or ought reasonably to know about:
 - The hazard or the risk – must have adequate knowledge to determine the hazards risks,
 - Ways of eliminating or minimising the risk – must have adequate knowledge in relation to alternative measures,
- Are other resources or techniques available to complete works to the standard, and
- Does the cost required to complete works to the standard grossly outweigh the value of the tree.

Where pruning to AS4373 is not practicable the site or trees are to be referred to the Arborist or a delegated officer who holds a Certificate Level V or above in Arboriculture to make an assessment on whether or not it is reasonably practicable to deviate from AS4373.

The City of Yarra ensures contractors are appropriately trained and aware of the principles of AS4373, and what is reasonably practicable, by:

- Referencing the standard in its internal guidelines,
- Referencing the standard in tender documents for contractors,
- Including the City of Yarra's definition of 'reasonably practicable' in contractor induction.
- Ensuring contractors undertaking electric line clearance work have, at a minimum:
 - Certificate Level III in Horticulture and Arboriculture,
 - Certificate Level II in ESI – Power line Vegetation Control, and
 - 3 years industry experience that demonstrates understanding of AS 4373 (See *Appendix 6 – Skills Report*).

Where pruning to achieve clearance will not allow compliance with AS4373, the City of Yarra may elect to:

- Increase the pruning frequency to minimise the required pruning,
- List the tree for an exception,
- Remove scaffold/ parent limbs,
- Investigate the potential for engineering solutions to facilitate compliance or an exemption, or
- Remove trees where the tree is of low retention value or the resulting pruning would leave trees unsuitable for retention.

The decision will be guided by costing of the options in terms of tree value, works cost and the surrounding environment of the tree.

Where trees are to be removed all residents within five (5) properties either side of the tree and ten (10) properties opposite will be notified either by letter drop and/or via a sign posted on the tree informing them of the removal will occur within ten (10) days of notification. Resident will then have the opportunity to contact Council to discuss the proposed removal and any contact made by residents will be resolved prior to removal taking place.

The process for selection of appropriate plant and equipment involves the following considerations:

- Access to site,
- Voltage of overhead conductors - equipment suitably insulated and tested,
- Proximity of vegetation to conductors,
- Configuration of equipment,
- Reach/ height of equipment, and
- Cutting tools proportional to material to be cut.

Once each of these points has been considered, the best fit for the task should be selected. Availability may also be a defining factor, where the best fit is not available other options may be considered, however must still be able to achieve acceptable pruning standards in a safe manner.

The City of Yarra conducts audits of the cyclic program to ensure compliance with AS4373 - 2007 and electric line clearance regulations (*Appendix 5 – Example of Cyclic Pruning Block Audit Forms*)

- Audits are conducted within thirty (30) days of zone completion and assesses 50% of the Cyclic Program and 20% of the Reactive Program,

- Quality of cuts, appropriateness of pruning, clearance requirements and post site clean-up are reviewed,
- Feedback via the audit results is provided to contractors,
- Any non-compliance identified through the post work audit process is reported to the Contractor within two (2) days of identification, and
- Remedial pruning will be required within fourteen (14) days of identification to achieve conformance unless otherwise agreed with the Arborist – Programmed Works.

As part of the preparation for the Plan, the City of Yarra will consult with all relevant bodies and standards to ensure all organisational procedures are current.

(l) A description of each alternative compliance mechanism in respect of which the City of Yarra has applied, or proposed to apply, for approval under clause 31 of the Code.

The City of Yarra has not applied for and currently does not plan to apply for any alternative compliance mechanism under clause 31 of the Code.

(m) The details of each approval for an alternative compliance mechanism that:

I. The City of Yarra holds.

Not applicable

II. Is in effect.

Not applicable

(n) A description of the measures that must be used to assess the performance of the City of Yarra under the management plan.

The City of Yarra and the Coordinator Open Space Services have defined Key Performance Indicators (KPIs) to assist in measuring the implementation of the Plan:

- Preparation of the Electric Line Clearance Management Plan prior to the 31st March of each year,
- Completion of the Cyclic Program for pruning as per schedule,
- Completion of 50% audits of Cyclic Program in thirty (30) days,
- 100% compliance for zone audits,
- 100% of non-compliance rectified within fourteen (14) business days of notification,
- Hazards identified in contractor OHS inspections addressed within required timeline
- All contractor and staff training kept up to date
- Respond to all pruning requests from the Network Operator within the required timeline,
- Attend biannual meetings with relevant Network Operator managers,
- All Customer Service Requests received for electric line clearance responded to within ten (10) business days, and
- No emergency clearances.

Key Performance Indicators are monitored via:

- Mapping the inspection and pruning program against the zone maintenance progress,
- mobile work site safety audits
- Post works auditing,
- Monitoring response timeframes for customer requests relating to powerlines,
- Compliance results from the Network Operator's (when supplied), and
- Reporting through document management system.

Results are reported via:

- Internal team meetings,
- Weekly contractor updates detailing % of block pruned,
- Monthly contract meetings, and
- Monthly reporting to Management

Reporting of KPI's is used to aid in:

- issuing of reworks where required,
- individual performance management for internal staff,
- Development of procedures and processes,
- Development of pruning programs and Contract Specification, and
- Selection of suitable tree species for planting near powerlines.

(o) Details of the audit processes that must be used to determine the City of Yarra's compliance with the Code

The Coordinator Open Space Services is responsible for a number of audits to verify compliance with the Code. These include:

- A quality audit is undertaken by the Arborist or delegated officer who is a suitably qualified arborist for each completed pruning block to ensure compliance with:
 - the Electric Safety (Electric Line Clearance) Regulations 2020, and
 - quality of arboricultural works and compliance with AS 4373 Pruning of Amenity Trees.
- A minimum of 1 Safety Audit per block is undertaken randomly on site by the Councils OH&S Auditor or delegated officers to ensure staff hold appropriate certification, equipment testing is up to date and safety measures are appropriate in the following areas:
 - Work Site Management
 - Quality of Works Performed
 - Operation and Condition of Vehicle
 - Tools and Equipment
 - Personal Protective Equipment
 - Work Practices
 - Environmental
- Pre-works site checks are carried out and documented for record keeping by all staff and contractors.
- The competency and qualification of personnel of Electric Line Clearance workers is required by contract and reported on via monthly contract meetings.

Once identified non-compliance is reported to the Arborist and rectified within fourteen (14) working days. Confirmation of rectification is to be provided in writing to the Arborist and included

in the monthly contract report. Contractors are required to provide a report in response to non-compliance relating to OH&S incidences identifying the cause for non-compliance and actions that will mitigate the cause in future works. Non-compliance relating to quality audits, and mitigating actions, are discussed and recorded in contractor meetings.

Results of audits are reported via:

- internal team meetings, and
- monthly contract meetings.

Audit results and resulting communications are stored in The City of Yarra's document management system.

(p) The qualifications and experience that the City of Yarra must require of the persons who are to carry out the inspection, cutting or removal of trees

When staff and contractors are undertaking electric line clearance works for the City of Yarra they are working as authorised persons as outlined in the Electricity Safety (Installations) Regulations 2009 r. 318 and r. 319.

The City of Yarra will ensure that all staff and contractors working as authorised persons will conform to:

- Electricity Safety (Installations) Regulations 2009 r. 318 and r. 319,
- Australian Standard AS4373-2007 – Pruning of Amenity Trees,
- The “Blue Book”, and
- Any organisational procedures, safe work method statements and Job Safety Assessments to ensure the work can be completed safely.

The City of Yarra will ensure that all staff and contractors:

- are trained both initially and when refresher courses are required by a Registered Training Organisation (RTO)
- performing tree pruning and removal works around electric lines are suitably qualified and trained personnel who hold the following qualifications:
 - Arborist / Grounds Person
 - Certificate II - ESI in Powerline Vegetation Control, including a current refresher, and
 - Minimum Certificate III Horticulture / Arboriculture.
 - Arboricultural Inspector
 - Minimum Certificate IV Horticulture / Arboriculture, including
 - the nationally accredited ‘Assess’ and ‘Identify’ modules, and
 - 3 years industry experience.

The Certificate III Horticulture/Arboriculture and Certificate II ESI cover many aspects of required training such as Chainsaw use, OH&S principles, First Aid, pruning techniques and High Risk licences. Additional staff may be required to hold training in;

- Traffic management,
- Chipper operation/induction,
- Chemical application (A.C.U.P or similar), or
- Tree Climbing

A register of employee training is maintained on personnel files by the City of Yarra to ensure all staff have appropriate and current qualifications (*Appendix 6 – Skills Report*).

All contractors are required to provide evidence of appropriate qualifications and training prior to the commencement of work and report on updates to training via monthly and annual reports. All records are stored in the City of Yarra document management system.

To ensure staff are aware of site and employee requirements new staff and contractors are subject to both internal & external induction processes and specific task related site safety assessments.

Any staff or contractor found on site without appropriate qualifications, training or experience to be excluded from the site immediately.

As part of the preparation for the Plan, the City of Yarra will consult with all relevant bodies and standards to ensure all organisational procedures are current.

(q) Notification and consultation procedures.

Covered in schedules 15, 16, 17 and 18 of the Code.

(r) Dispute resolution procedures.

If a dispute arises during the process of consultation/negotiation between affected landowners and the Council, regarding proposed clearing/pruning/alternative construction activities the complaint shall be resolved at the lowest management level possible. If resolution is not possible the complaint shall be escalated to the next level of management. The preferred process of escalation is:

- Arborist,
- Coordinator Open Space Services,
- Manager City Works,
- General Manager Infrastructure and Environment,
- Chief Executive Officer, then
- Energy and Water Ombudsman Victoria

The person responsible for resolving official disputes between Council and members of the public relating to the issues discussed in the Plan is:

Name: Glen Williames
Title: Coordinator Open Space Services
Telephone No: (03) 9205 5555
Email: info@yarracity.vic.gov.au

If the dispute cannot be resolved directly with the City of Yarra the person making the complaint will be referred to the Dispute Settlement Centre of Victoria (03) 96038370.

The procedure is specific to the Plan and will be available as part of the Plan and will be available for inspection as part of the Plan at the Council Offices and on Councils website as per Clause 10(7)

Regulation 10 – Obligations relating to Management Plan

(6) A Responsible Person must ensure that a copy of the management plan is published on the City of Yarra Internet site

A copy of the City of Yarra Electric Line Clearance Management Plan will be published on the City of Yarra website in the section Powerlines and Trees at

<https://www.yarracity.vic.gov.au/services/cleaning-and-maintenance/trees>.

The Coordinator Open Space Services will ensure the Plan will be updated on the website each year as per the following process:

- Draft of the new plan completed by 1st March,
 - Draft sent to the General Manager Infrastructure and Environment and Manger City Works for review by 31st March,
 - Amendments made as required,
 - Send amended plan to the General Manager Infrastructure and Environment for approval, and
 - After plan is approved liaise with Communications Department to remove superseded Plan and publish new Plan to website and Council Offices by 30 June.
-

Regulation 11 – Exemptions

(2) A Responsible Person who receives an exemption must comply with the conditions (if any) of the exemption.

The City of Yarra does not have an active exemption at this time.

SCHEDULE 1 – CODE OF PRACTICE FOR ELECTRIC LINE CLEARANCE, PART 2 – CLEARANCE RESPONSIBILITIES, DIVISION 1 – ROLES OF CITY OF YARRAS

4 Exception to minimum clearance space for structural branches around insulated low voltage electric lines

The City of Yarra is in the process of identifying trees that meet the requirements for an exception as outlined in Part 2, Division 1, Clause 4(2) of Schedule 1 of the Code.

The process for exception to minimum clearance space for structural branches around insulated low voltage electric lines is

- A tree is identified that has structural branches within the clearance zone
- A suitably qualified Arborist determines that:
 - the branch is greater than 130mm in diameter when it enters the minimum clearance space,
 - *the branch is more than 150 millimetres from the line if the span distance is 40 metres or less,*
 - *the branch is more than 300 millimetres from the line if the span distance is greater than 40 metres,*
 - the line is an insulated, low voltage cable, and
 - the branch does not have a visible structural defect that may cause the branch to fail and contact the electric line.
- A risk assessment of the tree and branch is undertaken in accordance with The City of Yarra Risk Methodology.
- Any risks identified are mitigated.
- The Arborist:
 - registers in the tree data base Fulcrum, and
 - ensures the tree is noted in the annual proactive risk inspection program.

The process is managed by the Coordinator Open Space Services and all records are retained by the City of Yarra for a minimum of five years.

5 *Exception to minimum clearance space for small branches around insulated low voltage electric lines*

The City of Yarra is in the process of identifying trees that meet the requirements for an exception as outlined in Part 2, Division 1, Clause 5 of Schedule 1 of the Code.

The process for exception to minimum clearance space for small branches around insulated low voltage electric lines is

- A tree is identified that has small branches within the clearance zone
- An Arborist determines that:
 - a branch is less than 10mm in diameter when it enters the minimum clearance space,
 - the line is an insulated, low voltage cable, and
 - Council's database confirms that the branch has been removed from the minimum clearance space within the last twelve months.

The process is managed by the Coordinator Open Space Services and all records are retained by the City of Yarra for a minimum of five years.

6 *Exception to minimum clearance space for small branches around uninsulated low voltage electric lines in low bushfire risk areas*

The City of Yarra is in the process of identifying trees that meet the requirements for an exception as outlined in Part 2, Division 1, Clause 6 of Schedule 1 of the Code.

The process for exception to minimum clearance space for small branches around uninsulated low voltage electric lines in LBRA is

- A tree is identified that has small branches within the clearance zone
- A suitably qualified Arborist determines that:
 - the branch 10mm in diameter when it enters the minimum clearance space,
 - *the branch enters the clearance space by no more than 500mm,*
 - the point at which the branch originates is below the height of the electric line.,
 - the line is an uninsulated, low voltage cable, and
 - the branch is in the first or last sixth of the span, or
 - the span is 45m or less in length and is fitted with one spreader, or
 - the span is greater than 45m in length and is fitted with two spreaders.
- A risk assessment of the tree and branch is undertaken in accordance with The City of Yarra Risk Methodology.
- Any risks identified are mitigated.
- The Arborist:
 - registers in the tree data base Fulcrum, and
 - ensures the tree is noted in the annual proactive risk inspection program.

The process is managed by the Coordinator Open Space Services and all records are retained by the City of Yarra for a minimum of five years.

7 Exception to minimum clearance space for structural branches around uninsulated low voltage electric lines in low bushfire risk areas

The City of Yarra is in the process of identifying trees that meet the requirements for an exception as outlined in Part 2, Division 1, Clause 7 of Schedule 1 of the Code.

The process for exception to minimum clearance space for structural branches around uninsulated low voltage electric lines in LBRA is

- A tree is identified that has structural branches within the clearance zone
- A suitably qualified Arborist determines that:
 - the branch is greater than 130mm in diameter when it enters the minimum clearance space,
 - *the branch enters the clearance space by no more than 500mm,*
 - the branch does not have a visible structural defect that cause the branch to fail and contact the electric line.,
 - the line is an uninsulated, low voltage cable, and
 - the branch is in the first or last sixth of the span, or
 - the span is 45m or less in length and is fitted with one spreader, or
 - the span is greater than 45m in length and is fitted with two spreaders.
- A risk assessment of the tree and branch is undertaken in accordance with The City of Yarra Risk Methodology.
- Any risks identified are mitigated.
- The Arborist:
 - registers in the tree data base Fulcrum, and
 - ensures the tree is noted in the annual proactive risk inspection program.

The process is managed by the Coordinator Open Space Services and all records are retained by the City of Yarra for a minimum of five years.

9 Responsible Person may cut or remove hazard tree

If an employee or contractor identifies a tree as likely to fall onto or otherwise come into contact with an electric line or has regrowth that will enter the clearance space before the next scheduled visit the tree may be pruned or removed provided that:

- The tree has been assessed by a suitably qualified arborist who must consider:
 - the likelihood of contact with electric line,
 - tree health, defects, size of failure, target potential
 - whether the tree qualifies for an exception to the minimum clearance space as per Clause 4, 5 and 6 of the Code.
 - local environmental and safety factors, as per current Job Safety Analysis requirements,
 - history and significance of the tree, and
 - the presence of habitat or fauna
- the assessment is recorded on the tree data base Fulcrum,
- works are undertaken with regard to Regulation 9(2)(j) and Regulation 9(2)(k) of the Plan, and
- affected persons are notified as per the City of Yarra's adopted practice.

As the asset owner of the trees covered under this plan, the City of Yarra reserves the right to prune further than 1 metre from the minimum clearance space or remove hazard trees where they cannot be made safe or be retained as useful assets.

10 Cutting a tree must, as far as practicable cut the tree in accordance with AS4373 as published or amended from time to time.

Covered in regulation 9(3)(j)

11 Cutting or removal of indigenous or significant trees must be minimised

The City of Yarra provides contractors and staff with a list of trees designated as having native, cultural or environmental significance or that are listed within a planning scheme within the municipality (*Appendix 2.2 – Heritage Trees and Properties*)

(3)(a) Indigenous trees

The City of Yarra has a mix of exotic and native tree species. Native trees are spread throughout the municipality.

There are indigenous tree species that may need to be cut or removed to ensure compliance with the 2020 Regulations (*Appendix 2.1 – Indigenous Trees*).

Pruning works to maintain compliance with the provisions of the Electrical Safety Act 1998 or future revisions in declared areas are exempt from permit requirements of overlays of the City of Yarra Planning Scheme.

All tree works conducted on Council owned and managed trees is required to be carried out by suitably qualified and experience arboricultural staff and to meet the minimum standard required to comply with the Plan, as detailed in Clause’s 9(3)(i), (j) and (k) of the Code.

If the removal of any tree identified under Regulation 9(3)(h) is required, an inspection and advice will be provided by a suitably qualified arborist prior to removal.

As part of the preparation for the Plan, the City of Yarra will consult with all relevant bodies and standards to ensure all organisational procedures are current.

(3)(b) Trees listed in a planning scheme to be of ecological, historical or aesthetic significance

Any works undertaken in relation to Council trees contained within any of the overlays of the City of Yarra Planning Scheme to maintain compliance to the extent practicable with the provisions of the Electrical Safety Act 1998 or future revisions are exempt from permit requirements.

All tree works conducted on Council owned and managed trees is required to be carried out by suitably qualified and experience arboricultural staff and to meet the minimum standard required to comply with the Plan, as detailed in Clause’s 9(3)(i), (j) and (k) of the Code.

If the removal of any tree identified under Regulation 9(3)(h) is required, an inspection and advice from will be provided by a suitably qualified arborist prior to removal.

As part of the preparation for the Plan, the City of Yarra will consult with all relevant bodies and standards to ensure all organisational procedures are current.

(3)(c) Trees of cultural or environmental significance

The City of Yarra has several sites with trees designated as having cultural significance via the City of Yarra's Significant Tree Register (*Appendix 2.3 – Trees of horticultural, aesthetic, historical, environmental, social or cultural significance.*). No trees within the City of Yarra have been identified as having environmental significance.

All tree works conducted on Council owned and managed trees are required to be carried out by suitably qualified and experience arboricultural staff and to meet the minimum standard required to comply with the Plan, as detailed in Clause's 9(3)(i), (j) and (k) of the Code.

If the removal of any tree identified under Regulation 9(3)(h) is required, an inspection and advice from will be provided by a suitably qualified arborist prior to removal.

As part of the preparation for the Plan, the City of Yarra will consult with all relevant bodies and standards to ensure all organisational procedures are current.

12 Cutting or removal of habitat for threatened fauna

As per regulation 9(3)(h) of the Plan the City of Yarra is not currently aware of any threatened fauna which may be affected by the implementation of this plan. Should threatened fauna be identified, the following process shall be followed:

- Location of threatened fauna and associated habitat mapped, and tree maintenance and inspection teams notified,
- Tree assessment conducted by a suitably qualified arborist and results recorded in tree data base. The assessment:
 - considers tree health, structure and potential risk,
 - considers the history, location and foreseeable local conditions, and
 - aims to identify if the fauna using the tree is a threatened species.
- Once identified the breeding season for the fauna using the tree will be determined. Resources such as <http://www.delwp.vic.gov.au/environment-and-wildlife/arthur-rylah-institute/threatened-species-and-communities> or http://www.swifft.net.au/cb_pages/bio-calendar.php may be used in the first instance,
- Specialist advice may be sought to identify fauna, determine breeding season if required or to translocate fauna,
- Assessment results and information regarding management of the fauna will be referred to the Coordinator Open Space Services for approval prior to commencing works,
- Where practicable works will be undertaken outside the breeding season,
- The tree pruned to habitat until breeding season is complete, or
- Relocation of the fauna can be considered to make safe an unsafe situation as identified in Clause 8, or if it is not practical to undertake works outside of the breeding season.

As part of the preparation for the Plan, the City of Yarra will consult with all relevant bodies and standards to ensure all organisational procedures are current.

13 Restriction on timing of cutting or removal if notification is required

Covered in Clause 16 and 17 of the Code.

14 Restriction on urgent cutting of trees

Covered in Clause 9 of the Code

15 Restriction on urgent removal of trees

Covered in Clause 9 of the Code

16 Responsible Person must provide notification before cutting or removing certain trees

Clause 15 is not applicable as the City of Yarra does not undertake works on trees:

- within private property
 - on land that is managed by a Council that is not the City of Yarra, or
 - that affect an owner or occupiers use of private property
-

17 Responsible Person must provide notification before cutting or removing certain trees

The City of Yarra will provide notification to persons affected by electrical line clearance works at least 14 days, and no more than 60 days, before the intended pruning or removal is to occur. If pruning does not commence within these timeframes then affected residents will be re-notified.

The Arborist will coordinate notification methods that will include:

- A written notice in the Public Notices section (*Appendix 7 – Public Works Notification*)
 - of a weekly local newspaper, and
 - of the City of Yarra website at a location currently under construction.
-

18 Responsible Person must consult with occupier or owner of private property before cutting or removing certain trees

Clause 18 is not applicable as the City of Yarra does not undertake works on trees within private property.

19 Notification and record keeping requirements for urgent cutting or removal

Clause 19 is not applicable as the City of Yarra does not undertake works on trees within private property or land belonging to adjacent Councils.

20 Duty relating to the safety of cutting or removal of trees close to an electric line.

The City of Yarra requires all staff and contractors to hold the qualification of Cert II ESI – Powerline Vegetation Control and comply with the guidelines and limits set within either ESV - Electrical Safety

Rules for Vegetation Work near Overhead Powerlines by Non-electrical workers (Electrical Safety Rules) or rules set by the asset owner, whichever is greater.

If staff or contractors have concerns about the safety of cutting or removal of a tree for which the Council has clearance responsibilities, the Council will consult:

Business	Contact	Phone	Email
Yarra Trams	Tobias Meyer	0410 473 749	Tobias.Meyer@yarratrams.com.au
VicTrak	Pamela James	(03) 9619-8892	Pamela.James@victrack.com.au
Powercor	Leo Hourigan	0408-304-984	LHourigan@powercor.com.au
Metro Trains	Katrina Lewis	0405 506 488	Katrina.Lewis@metrotrains.com.au
Jemena	Will Few	0438 322 079	William.few@zinfra.com.au

21 Duty relating to assisting to determine the allowance for cable sag and sway.

Covered in regulation 9(3)(j)(ii)

22 Duties relating to management procedures to minimise danger.

Not applicable to councils

31 Application for approval of alternative compliance mechanism.

The City of Yarra does not currently have in place or have planned any alternative compliance mechanisms for which it seeks application and approval.

32 Formal safety assessment of alternative compliance mechanism.

The City of Yarra does not currently have in place or have planned any alternative compliance mechanisms for which it requires a formal safety assessment to be completed.

Signed



Jacqueline Ryan, Manager City Works (Acting)

Date: 14/04/2023

Signed



Chris Leivers

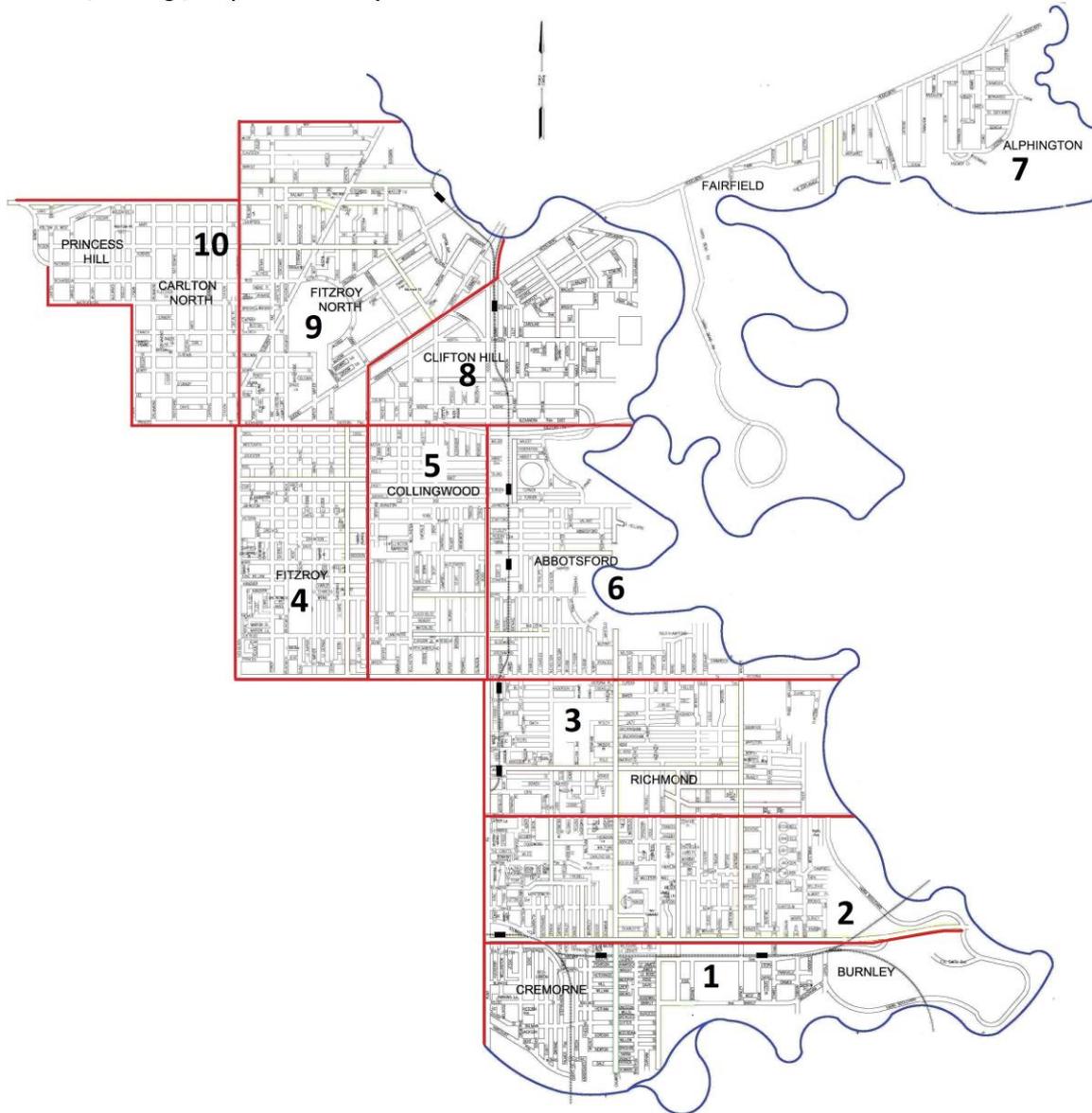
General Manager Infrastructure and Environment

Date: 14/04/2023

Appendices

Appendix 1 – Map of City of Yarra

Council prunes all street trees on a 2 year cycle. During this maintenance, contractors will prune the tree to ensure clearances are met around overhead powerlines, residential power service lines, streetlights, houses / buildings, footpaths & roadways.



Appendix 2 – Trees of Indigenous, Heritage or Cultural Significance

Appendix 2.1 – Indigenous Trees

Trees Indigenous to the City of Yarra	
Botanic Name	Common Name
<i>Acacia implexa</i>	Lightwood
<i>Acacia pycnantha</i>	Golden Wattle
<i>Allocasuarina verticillata</i>	Drooping Sheoak
<i>Eucalyptus melliodora</i>	Yellow Box
<i>Eucalyptus camaldulensis</i>	River Red Gum

Appendix 2.2 – Heritage Trees and Properties

SCHEDULE TO THE HERITAGE OVERLAY		
Heritage Trees applicable to this Plan		
PS map ref	Heritage place	Council Managed
HO9	CLARKE STREET / ST HELIERS STREET ABBOTSFORD Former Convent of the Good Shepherd complex, including surrounding land uses and associated trees Incorporated plan: Incorporated Plan under the provisions of clause 43.01 Heritage Overlay, Planning permit exemptions, July 2014	N
HO73	53 LUCERNE CRESCENT ALPHINGTON House Incorporated plan: Incorporated Plan under the provisions of clause 43.01 Heritage Overlay, Planning permit exemptions, July 2014	N
HO93	QUEENS PARADE, BETWEEN ALEXANDRA PARADE & DELBRIDGE STREET CLIFTON HILL/ NORTH FITZROY Street Trees Incorporated plan: Incorporated Plan under the provisions of clause 43.01 Heritage Overlay, Planning permit exemptions, July 2014	Y
HO94	BETWEEN NORTH TERRACE AND SOUTH TERRACE CLIFTON HILL Darling Gardens Incorporated plan: Incorporated Plan under the provisions of clause 43.01 Heritage Overlay, Planning permit exemptions, July 2014	Y
HO147	FAIRFIELD PARK DRIVE FAIRFIELD Fairfield Park Incorporated plan: Incorporated Plan under the provisions of clause 43.01 Heritage Overlay, Planning permit exemptions, July 2014	Y
HO153	25 -37 BRUNSWICK STREET FITZROY Barcelona Terrace Gardens Incorporated plan: Incorporated Plan under the provisions of clause 43.01 Heritage Overlay, Planning permit exemptions, July 2014	N
HO188	VICTORIA PARADE FITZROY Street Trees Incorporated plan: Incorporated Plan under the provisions of clause 43.01 Heritage Overlay, Planning permit exemptions, July 2014	Y
HO213	BRUNSWICK STREET AND ALFRED CRESCENT NORTH FITZROY Edinburgh Gardens Incorporated plan: Incorporated Plan under the provisions of clause 43.01 Heritage Overlay, Planning permit exemptions, July 2014	Y
HO298	BURNLEY PARKLANDS RICHMOND Corroboree Tree Incorporated plan: Incorporated Plan under the provisions of clause 43.01 Heritage Overlay, Planning permit exemptions, July 2014	Y
HO299	THE BOULEVARD RICHMOND The Boulevard Parklands, The Boulevard, Richmond Incorporated plan: Incorporated Plan under the provisions of clause 43.01 Heritage Overlay, Planning permit exemptions, July 2014	Y

HO344	Yarra Bend Road, Fairfield Fairfield Hospital Grounds (former) Incorporated plan: Incorporated Plan under the provisions of clause 43.01 Heritage Overlay, Planning permit exemptions, July 2014	N
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Appendix 2.3 – Trees of horticultural, aesthetic, historical, environmental, social or cultural significance.

Trees listed on Significant Tree Register applicable to this Plan

ID	Botanical name	Common Name	Address
1	<i>Ulmus procera</i>	English Elm	DARLING GARDENS, CLIFTON HILL, 3068
2	<i>Quercus ilex</i>	Holm Oak	DARLING GARDENS, CLIFTON HILL, 3068
3	<i>Ulmus procera</i>	English Elm	DARLING GARDENS, CLIFTON HILL, 3068
4	<i>Ulmus procera</i>	English Elm	DARLING GARDENS, CLIFTON HILL, 3068
5	<i>Ulmus procera</i>	English Elm	DARLING GARDENS, CLIFTON HILL, 3068
6	<i>Ulmus procera</i>	English Elm	DARLING GARDENS, CLIFTON HILL, 3068
7	<i>Ulmus X hollandica</i>	Dutch Elm	DARLING GARDENS, CLIFTON HILL, 3068
8	<i>Ulmus X hollandica</i>	Dutch Elm	DARLING GARDENS, CLIFTON HILL, 3068
9	<i>Butia capitata</i>	Blue Palm	DARLING GARDENS, CLIFTON HILL, 3068
10	<i>Ulmus X hollandica</i>	Dutch Elm	DARLING GARDENS, CLIFTON HILL, 3068
11	<i>Phoenix canariensis</i>	Canary Island Date Palm	DARLING GARDENS, CLIFTON HILL, 3068
12	<i>Washingtonia filifera</i>	Petticoat Palm	DARLING GARDENS, CLIFTON HILL, 3068
13	<i>Phoenix canariensis</i>	Canary Island Date Palm	MAYORS PARK, CLIFTON HILL, 3068
14	<i>Phoenix canariensis</i>	canary Island Date Palm	MAYORS PARK, CLIFTON HILL, 3068
15	<i>phoenix canariensis</i>	Canary Island Date Palm	MAYORS PARK, CLIFTON HILL, 3068
16	<i>Ulmus procera</i>	English Elm	MAYORS PARK, CLIFTON HILL, 3068
17	<i>Quercus ilex</i>	Holm Oak	402 QUEENS PARADE, FITZROY NORTH, 3068
18	<i>Arbutus unedo</i>	Irish Strawberry Tree	416 QUEENS PARADE, FITZROY NORTH, 3068
20	<i>Platanus X acerifolia</i>	Plane Tree	41 PEEL STREET, COLLINGWOOD, 3066
21	<i>Platanus X acerifolia</i>	Plane Tree	106 CAMBRIDGE STREET, COLLINGWOOD, 3066
26	<i>Ulmus X hollandica</i>	Dutch Elm	213 CHURCH STREET, RICHMOND, 3121
27	<i>Schinus molle</i>	Peppercorn Tree	BARKLEY GARDENS, RICHMOND, 3121
28	<i>Schinus molle</i>	Peppercorn Tree	BARKLEY GARDENS, RICHMOND, 3121
29	<i>Quercus robur</i>	English Oak	BARKLEY GARDENS, RICHMOND, 3121
30	<i>Quercus robur</i>	English Oak	BARKLEY GARDENS, RICHMOND, 3121
31	<i>Corymbia citriodora</i>	Lemon-scented Gum	BARKLEY GARDENS, RICHMOND, 3121
32	<i>Eucalyptus cladocalyx</i>	Sugar Gum	102 MADDEN GROVE, BURNLEY, 3121
33	<i>Eucalyptus cladocalyx</i>	Sugar Gum	102 MADDEN GROVE, BURNLEY, 3121
34	<i>Eucalyptus cladocalyx</i>	Sugar Gum	102 MADDEN GROVE, BURNLEY, 3121
35	<i>Eucalyptus camaldulensis</i>	River Red Gum	102 MADDEN GROVE, BURNLEY, 3121
37	<i>Eucalyptus camaldulensis</i>	River Red Gum	102 MADDEN GROVE, BURNLEY, 3121
38	<i>Eucalyptus camaldulensis</i>	River Red Gum	102 MADDEN GROVE, BURNLEY, 3121
39	<i>Eucalyptus camaldulensis</i>	River Red Gum	102 MADDEN GROVE, BURNLEY, 3121
40	<i>Eucalyptus camaldulensis</i>	River Red Gum	102 MADDEN GROVE, BURNLEY, 3121
41	<i>Eucalyptus camaldulensis</i>	River Red Gum	102 MADDEN GROVE, BURNLEY, 3121
42	<i>Eucalyptus camaldulensis</i>	River Red Gum	102 MADDEN GROVE, BURNLEY, 3121

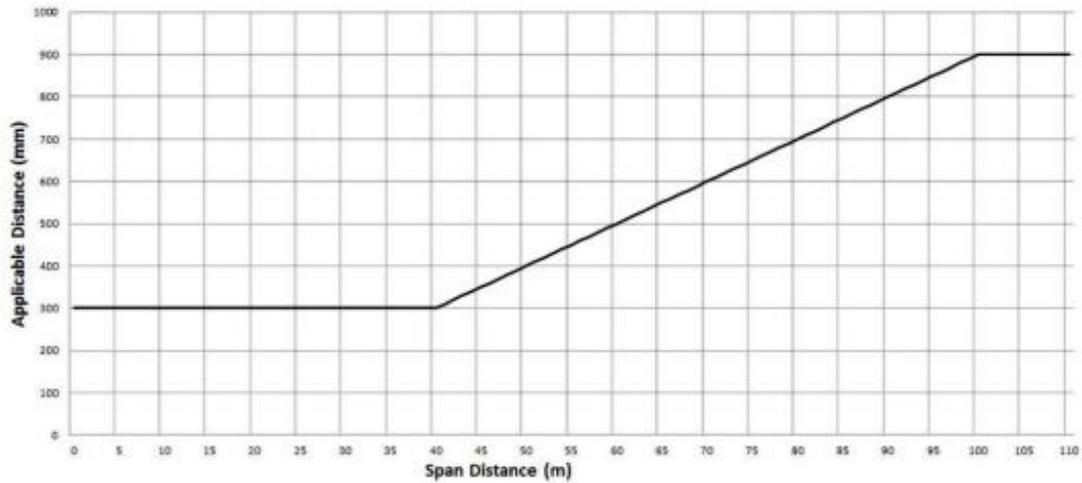
43	<i>Eucalyptus camaldulensis</i>	River Red Gum	102 MADDEN GROVE, BURNLEY, 3121
44	<i>Eucalyptus camaldulensis</i>	River Red Gum	102 MADDEN GROVE, BURNLEY, 3121
ID	Botanical name	Common Name	Address
47	<i>Ulmus procera</i>	English Elm	THE ESPLANADE , CLIFTON HILL, 3068
49	<i>Schinus molle</i>	Peppercorn Tree	HEIDELBERG ROAD, CLIFTON HILL, 3068
50	<i>Phoenix canariensis</i>	Canary Island Date Palm	MAYORS PARK, CLIFTON HILL, 3068
55	<i>Eucalyptus globulus</i>	Blue Gum	CONDELL RESERVE, FITZROY, 3065
60	<i>Araucaria bidwillii</i>	Bunya Bunya Pine	280 HEIDELBERG ROAD, FAIRFIELD, 3078
61	<i>Araucaria bidwillii</i>	Bunya Bunya Pine	280 HEIDELBERG ROAD, FAIRFIELD, 3078
63	<i>Eucalyptus camaldulensis</i>	River Red Gum	ALPHINGTON PARK, ALPHINGTON, 3078
68	<i>Platanus X acerifolia</i>	Plane Tree	ABBOTSFORD CONVENT, ABBOTSFORD, 3067
69	<i>Phoenix canariensis</i>	Canary Island Date Palm	ABBOTSFORD CONVENT, ABBOTSFORD, 3067
70	<i>Platanus X acerifolia</i>	Plane Tree	ABBOTSFORD CONVENT, ABBOTSFORD, 3067
71	<i>Platanus X acerifolia</i>	Plane Tree	ABBOTSFORD CONVENT, ABBOTSFORD, 3067
79	<i>Quercus robur</i>	English Oak	18 ST HELIERS STREET, ABBOTSFORD, 3067
83	<i>Corymbia citriodora</i>	Lemon-scented Gum	133 MOOR STREET, FITZROY, 3065
86	<i>Schinus molle</i>	Peppercorn Tree	BYRON STREET, CREMORNE, 3121
88	<i>Schinus molle</i>	Peppercorn Tree	DUNN STREET, CREMORNE, 3121
89	<i>Schinus molle</i>	Peppercorn Tree	SOUTH EASTERN HIGHWAY, CREMORNE, 3121
90	<i>Eucalyptus camaldulensis</i>	River Red Gum	14 MURPHY STREET, RICHMOND, 3121
94	<i>Platanus X acerifolia</i>	Plane Tree	53 CAMBRIDGE STREET, COLLINGWOOD, 3066
95	<i>Schinus molle</i>	Peppercorn Tree	116 GOLD STREET, COLLINGWOOD, 3066
98	<i>Phoenix canariensis</i>	Canary Island Date Palm	1 BYRNE STREET, FITZROY NORTH, 3068
100	<i>Phoenix canariensis</i>	Canary Island Date Palm	EDINBURGH GARDENS, FITZROY NORTH, 3068
102	<i>Eucalyptus botryoides</i>	Southern Mahogany	EDINBURGH GARDENS, FITZROY NORTH, 3068
103	<i>Eucalyptus camaldulensis</i>	River Red Gum	EDINBURGH GARDENS, FITZROY NORTH, 3068
104	<i>Eucalyptus camaldulensis</i>	River Red Gum	EDINBURGH GARDENS, FITZROY NORTH, 3068
105	<i>Ulmus X hollandica</i>	Dutch Elm	EDINBURGH GARDENS, FITZROY NORTH, 3068
106	<i>Ulmus X hollandica</i>	Dutch Elm	EDINBURGH GARDENS, FITZROY NORTH, 3068
107	<i>Ulmus X hollandica</i>	Dutch Elm	EDINBURGH GARDENS, FITZROY NORTH, 3068
108	<i>Ulmus X hollandica</i>	Dutch Elm	EDINBURGH GARDENS, FITZROY NORTH, 3068
109	<i>Eucalyptus botryoides</i>	Southern Mahogany	EDINBURGH GARDENS, FITZROY NORTH, 3068
110	<i>Eucalyptus camaldulensis</i>	River Red Gum	EDINBURGH GARDENS, FITZROY NORTH, 3068
111	<i>Ulmus X hollandica</i>	Dutch Elm	EDINBURGH GARDENS, FITZROY NORTH, 3068
112	<i>Ulmus X hollandica</i>	Dutch Elm	EDINBURGH GARDENS, FITZROY NORTH, 3068
113	<i>Quercus robur</i>	English Oak	EDINBURGH GARDENS, FITZROY NORTH, 3068
114	<i>Quercus robur</i>	English Oak	EDINBURGH GARDENS, FITZROY NORTH, 3068
115	<i>Eucalyptus botryoides</i>	Southern Mahogany	EDINBURGH GARDENS, FITZROY NORTH, 3068
116	<i>Ulmus X hollandica</i>	Dutch Elm	EDINBURGH GARDENS, FITZROY NORTH, 3068
117	<i>Ulmus X hollandica</i>	Dutch Elm	EDINBURGH GARDENS, FITZROY NORTH, 3068
118	<i>Quercus ilex</i>	Holm Oak	EDINBURGH GARDENS, FITZROY NORTH, 3068
119	<i>Quercus ilex</i>	Holm Oak	EDINBURGH GARDENS, FITZROY NORTH, 3068
120	<i>Eucalyptus botryoides</i>	Southern Mahogany	EDINBURGH GARDENS, FITZROY NORTH, 3068
123	<i>Ulmus procera</i>	English Elm	165 ALFRED CRESCENT, FITZROY NORTH, 3068

124	<i>Ulmus procera</i>	English Elm	2 RUSHALL CRESCENT, FITZROY NORTH, 3068
129	<i>Lophostemon confertus</i>	Queensland Brush Box	33 MICHAEL STREET, FITZROY NORTH, 3068
ID	Botanical name	Common Name	Address
131	<i>Corymbia maculata</i>	Spotted Gum	245 SCOTCHMER STREET, FITZROY NORTH, 3068
134	<i>Ulmus procera</i>	English Elm	BEST STREET, FITZROY NORTH, 3068
135	<i>Ulmus procera</i>	English Elm	BROOKES CRESCENT, FITZROY NORTH, 3068
151	<i>Acacia maidenii</i>	Maiden's Wattle	BRUNSWICK STREET, FITZROY NORTH, 3068
152	<i>Schinus molle</i>	Peppercorn Tree	RAE STREET, FITZROY NORTH, 3068
153	<i>Phoenix canariensis</i>	Canary Island Date Palm	308 PARK STREET, CARLTON NORTH, 3054
154	<i>Populus alba 'Pyramidalis'</i>	White Fastigate Poplar	701 LYGON STREET, PRINCES HILL, 3054
155	<i>Ulmus procera</i>	English Elm	204 PARK STREET, FITZROY NORTH, 3068
160	<i>Maclura pomifera</i>	Osage Orange	500 YARRA BOULEVARD, BURNLEY, 3121
162	<i>Corymbia maculata</i>	Spotted Gum	166 RAE STREET, FITZROY NORTH, 3068
164	<i>Phoenix canariensis</i>	Canary Island Date Palm	303 PIGDON STREET, PRINCES HILL, 3054
167	<i>Ulmus procera</i>	English Elm	1036 DRUMMOND STREET, CARLTON NORTH, 3054
168	<i>Ulmus procera</i>	English Elm	1031 DRUMMOND STREET, CARLTON NORTH, 3054
170	<i>Corymbia citriodora</i>	Lemon-scented Gum	368 STATION STREET, CARLTON NORTH, 3054
174	<i>Eucalyptus saligna</i>	Sydney Blue Gum	7 SHAKESPEARE STREET, CARLTON NORTH, 3054
177	<i>Quercus robur</i>	English Oak	CURTAIN SQUARE, CARLTON NORTH, 3054
178	<i>Ulmus procera</i>	English Elm	CURTAIN SQUARE, CARLTON NORTH, 3054
179	<i>Ulmus procera</i>	English Elm	CURTAIN SQUARE, CARLTON NORTH, 3054
180	<i>Ficus macrophylla</i>	Moreton Bay Fig	CURTAIN SQUARE, CARLTON NORTH, 3054
181	<i>Ulmus procera</i>	English Elm	CURTAIN SQUARE, CARLTON NORTH, 3054
183	<i>Lophostemon confertus</i>	Queensland Brush Box	PIGDON STREET, PRINCES HILL, 3054
184	<i>Lophostemon confertus</i>	Queensland Brush Box	162 ARNOLD STREET, PRINCES HILL, 3054
186	<i>Lophostemon confertus</i>	Queensland Brush Box	PIGDON STREET, PRINCES HILL, 3054
187	<i>Lophostemon confertus</i>	Queensland Brush Box	11 WILSON STREET, PRINCES HILL, 3054
188	<i>Phoenix canariensis</i>	Canary Island Date Palm	20 PRINCES STREET, CARLTON NORTH, 3054
190	<i>Platanus X acerifolia</i>	Plane Tree	995 RATHDOWNE STREET, CARLTON NORTH, 3054
191	<i>Quercus palustris</i>	Pin Oak	716 RATHDOWNE STREET, CARLTON NORTH, 3054
192	<i>Platanus X acerifolia</i>	Plane Tree	656 RATHDOWNE STREET, CARLTON NORTH, 3054
193	<i>Phoenix canariensis</i>	Canary Island Date Palm	333 CANNING STREET, CARLTON NORTH, 3054
194	<i>Ulmus procera</i>	English Elm	212 MACPHERSON STREET, PRINCES HILL, 3054
195	<i>Phoenix canariensis</i>	Canary Island Date Palm	214 MACPHERSON STREET, PRINCES HILL, 3054
196	<i>Ulmus procera</i>	English Elm	218 MACPHERSON STREET, PRINCES HILL, 3054
202	<i>Platanus X acerifolia</i>	Plane Tree	481 HODDLE STREET, CLIFTON HILL, 3068
204	<i>Ulmus procera</i>	English Elm	YARRA BOULEVARD, BURNLEY, 3121
225	<i>Eucalyptus camaldulensis</i>	River Red Gum	YARRA BOULEVARD, BURNLEY, 3121
226	<i>Eucalyptus camaldulensis</i>	River Red Gum	500 YARRA BOULEVARD, BURNLEY, 3121
227	<i>Eucalyptus cladocalyx</i>	Sugar Gum	500 YARRA BOULEVARD, BURNLEY, 3121
228	<i>Eucalyptus cornuta</i>	Yate	500 YARRA BOULEVARD, BURNLEY, 3121
229	<i>Eucalyptus camaldulensis</i>	River Red Gum	YARRA BOULEVARD, BURNLEY, 3121
230	<i>Eucalyptus camaldulensis</i>	River Red Gum	576 SWAN STREET, BURNLEY, 3121
231	<i>Eucalyptus camaldulensis</i>	River Red Gum	576 SWAN STREET, BURNLEY, 3121

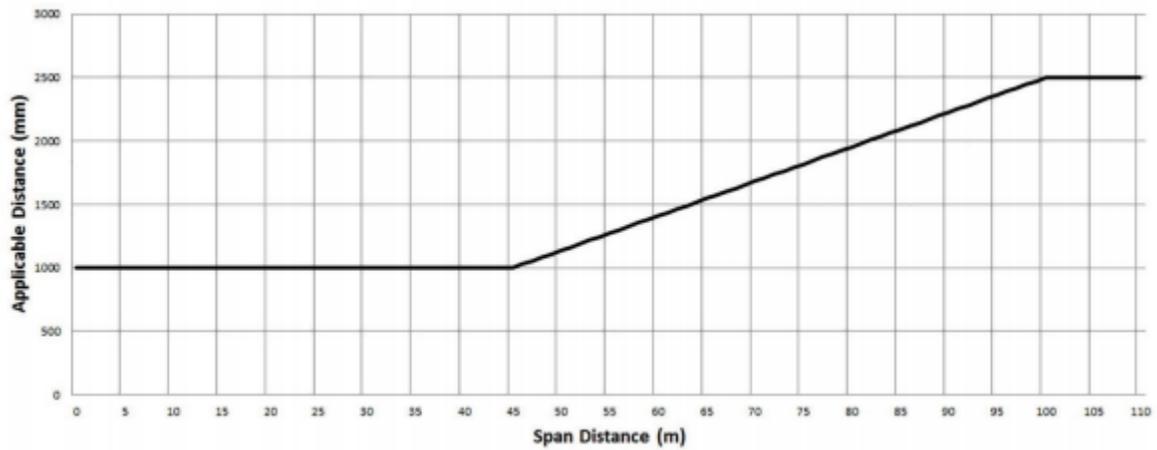
232	<i>Eucalyptus camaldulensis</i>	River Red Gum	YARRA BOULEVARD, BURNLEY, 3121
234	<i>Ulmus procera</i>	English Elm	67 VICTORIA PARADE, COLLINGWOOD, 3066
ID	Botanical name	Common Name	Address
236	<i>Eucalyptus camaldulensis</i>	River Red Gum	LULIE STREET, ABBOTSFORD, 3067
239	<i>Ulmus procera</i>	English Elm	HEIDELBERG ROAD, CLIFTON HILL, 3068
240	<i>Platanus X acerifolia</i>	Plane Tree	158 QUEENS PARADE, FITZROY NORTH, 3068
241	<i>Platanus X acerifolia</i>	Plane Tree	7 QUEENS PARADE, CLIFTON HILL, 3068
242	<i>Schinus molle</i>	Peppercorn Tree	41 ALEXANDER STREET, CLIFTON HILL, 3068
243	<i>Schinus molle</i>	Peppercorn Tree	41 ALEXANDER STREET, CLIFTON HILL, 3068
244	<i>Schinus molle</i>	Peppercorn Tree	41 ALEXANDER STREET, CLIFTON HILL, 3068
245	<i>Ulmus procera</i>	English Elm	24 ALEXANDRA PARADE, CLIFTON HILL, 3068
246	<i>Schinus molle</i>	Peppercorn Tree	2 ALEXANDRA PARADE, CLIFTON HILL, 3068
247	<i>Schinus molle</i>	Peppercorn Tree	11 ALEXANDRA PARADE, COLLINGWOOD, 3066
248	<i>Ulmus procera</i>	English Elm	49 ALEXANDRA PARADE, COLLINGWOOD, 3066
249	<i>Schinus molle</i>	Peppercorn Tree	49 ALEXANDRA PARADE, COLLINGWOOD, 3066
250	<i>Schinus molle</i>	Peppercorn Tree	58 ALEXANDRA PARADE, CLIFTON HILL, 3068
251	<i>Eucalyptus camaldulensis</i>	River Red Gum	576 SWAN STREET, BURNLEY, 3121
252	<i>Eucalyptus camaldulensis</i>	River Red Gum	YARRA BOULEVARD, BURNLEY, 3121
253	<i>Eucalyptus camaldulensis</i>	River Red Gum	YARRA BOULEVARD, BURNLEY, 3121
254	<i>Eucalyptus camaldulensis</i>	River Red Gum	YARRA BOULEVARD, BURNLEY, 3121
255	<i>Eucalyptus camaldulensis</i>	River Red Gum	YARRA BOULEVARD, BURNLEY, 3121
256	<i>Eucalyptus camaldulensis</i>	River Red Gum	YARRA BOULEVARD, BURNLEY, 3121
257	<i>Eucalyptus camaldulensis</i>	River Red Gum	YARRA BOULEVARD, BURNLEY, 3121
258	<i>Eucalyptus camaldulensis</i>	River Red Gum	YARRA BOULEVARD, BURNLEY, 3121
259	<i>Eucalyptus camaldulensis</i>	River Red Gum	YARRA BOULEVARD, BURNLEY, 3121

Appendix 3 – Applicable distance for middle two thirds of a span of an electric line

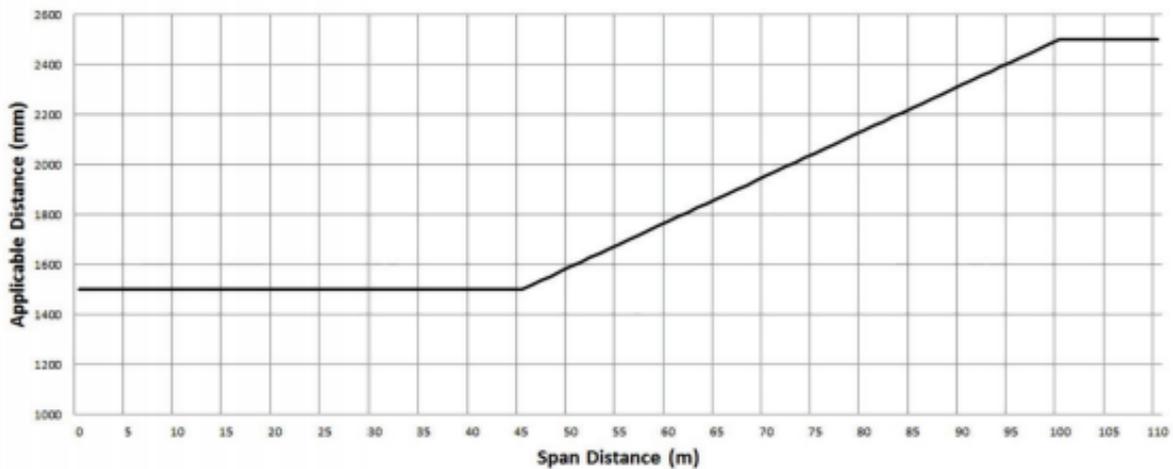
GRAPH 1—INSULATED ELECTRIC LINES IN ALL AREAS



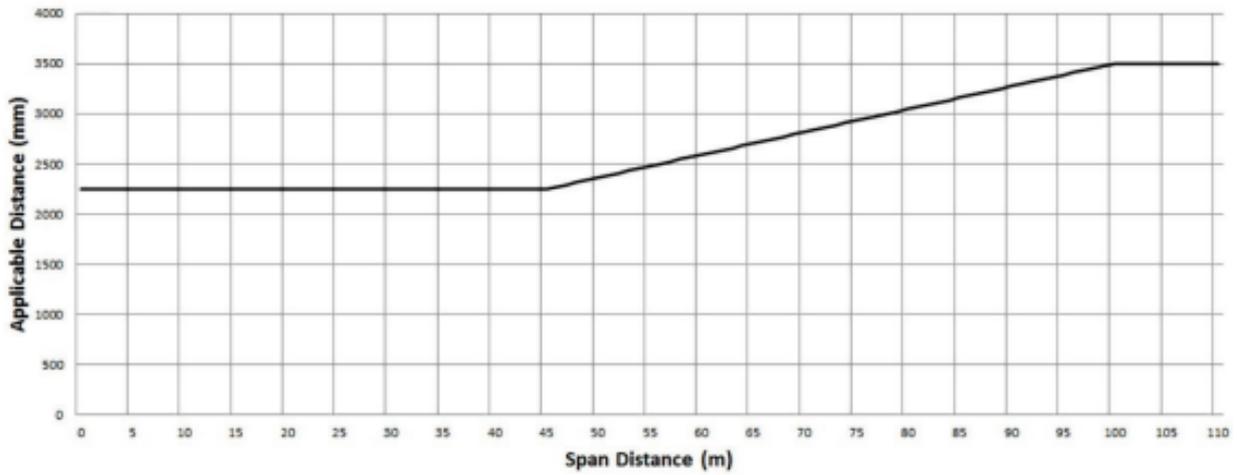
GRAPH 2—UNINSULATED LOW VOLTAGE ELECTRIC LINE IN LOW BUSHFIRE RISK AREA



GRAPH 3—UNINSULATED HIGH VOLTAGE ELECTRIC LINE (OTHER THAN A 66 000 VOLT ELECTRIC LINE) IN LOW BUSHFIRE RISK AREA



GRAPH 4—UNINSULATED 66 000 VOLT ELECTRIC LINE IN LOW BUSHFIRE RISK AREA



GRAPH 5—UNINSULATED LOW VOLTAGE AND HIGH VOLTAGE ELECTRIC LINE (OTHER THAN A 66 000 VOLT ELECTRIC LINE) IN HAZARDOUS BUSHFIRE RISK AREA

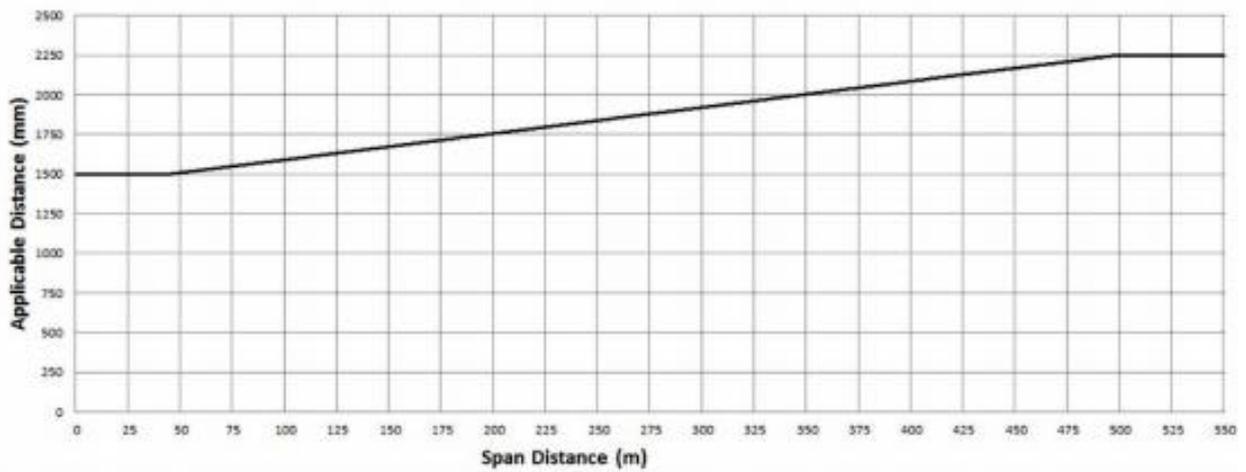


FIGURE 1 – PLAN VIEW OF ELECTRICAL LINES IN ALL AREAS

Clauses 24, 25, 26, 27, 28 and 29,
Graphs 1, 2, 3, 4, 5 and 6

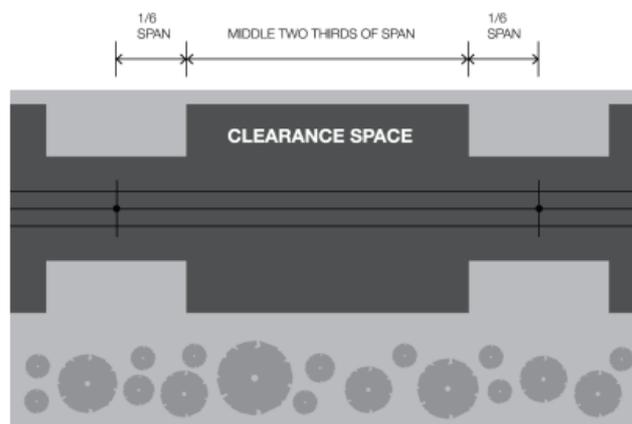
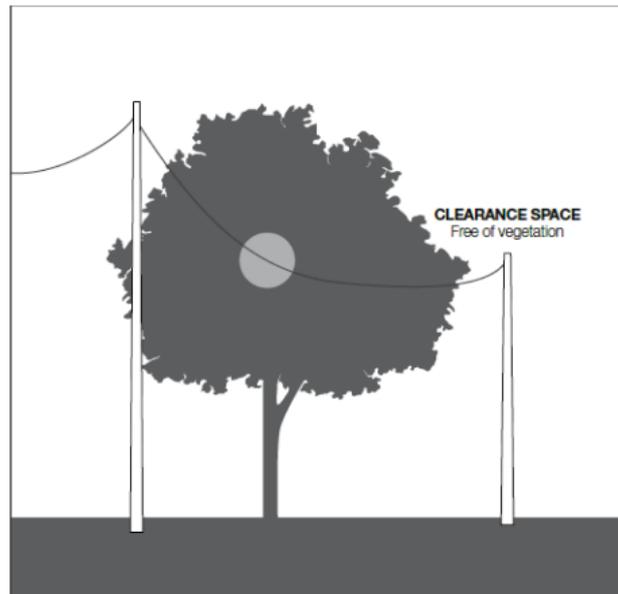


FIGURE 2 – INSULATED ELECTRICAL LINES IN ALL AREAS

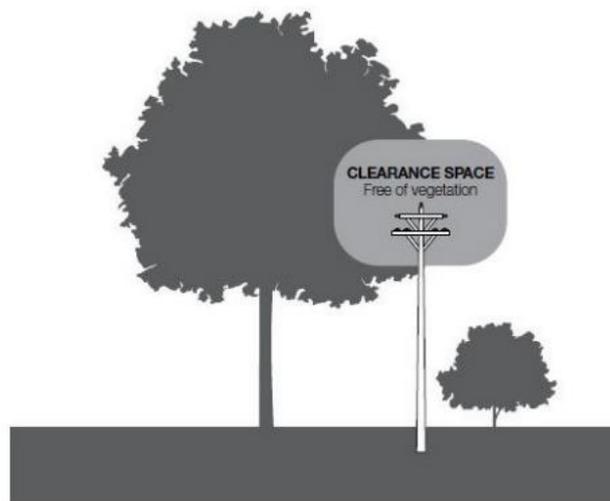
Clause 24, Graph 1



NOT TO SCALE

FIGURE 3 – INSULATED ELECTRICAL LINES IN ALL AREAS AND UNINSULATED HIGH VOLTAGE ELECTRICAL LINES (OTHER THAN 66 000 VOLTAGE ELECTRIC LINES) IN LOW BUSHFIRE RISK AREAS

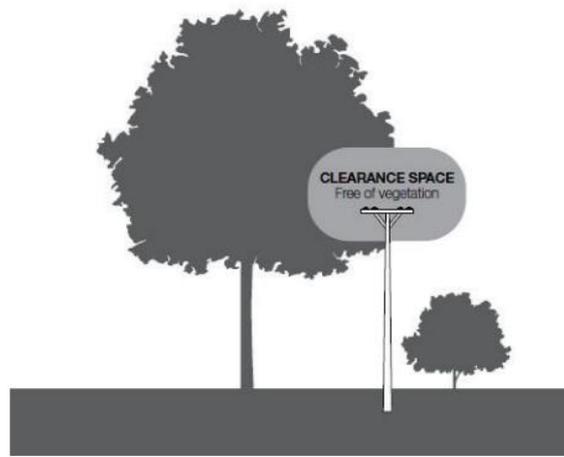
Clauses 24 and 26, Graphs 1 and 3



NOT TO SCALE

FIGURE 4 – UNINSULATED LOW VOLTAGE ELECTRICAL LINES IN LOW BUSHFIRE RISK AREAS

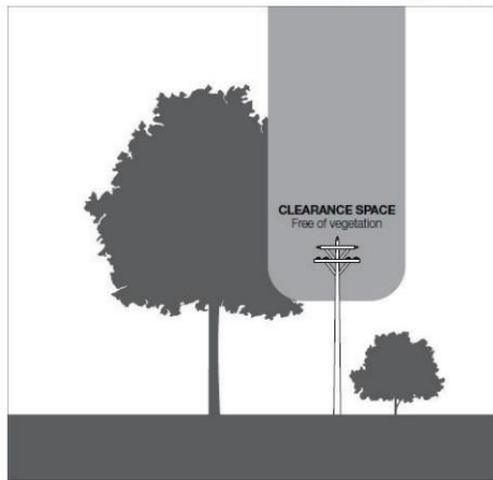
Clause 25, Graph 2



NOT TO SCALE

FIGURE 5 – UNINSULATED 66 000 VOLTAGE ELECTRICAL LINE IN A LOW BUSHFIRE RISK AREA

Clauses 27, 28 and 29, Graphs 4, 5 and 6



NOT TO SCALE

Appendix 4 – Cyclic Pruning Program Timeframe

2023				
Month	Zone Area	Commencement Date	Expected Completion date	Suburbs
1-Jan	1	1/01/2023		Richmond South/Cremorne
2-Feb			28/02/2023	
3-Mar	2	1/03/2023		Richmond
4-Apr			30/04/2023	
5-May	3	1/05/2023		Richmond North
6-Jun			30/06/2023	
7-Jul	4	1/07/2023		Fitzroy
8-Aug			31/08/2023	
9-Sep	5	1/09/2023		Collingwood
10-Oct			31/10/2023	
11-Nov	Annuals	1/11/2023		Various (as per contract)
12-Dec			31/12/2023	
2024				
Month	Zone Area	Commencement Date	Expected Completion date	Suburbs
1-Jan	6	1/01/2024		Abbotsford
2-Feb			28/02/2024	
3-Mar	7	1/03/2024		Alphington/Fairfield
4-Apr			15/04/2024	
5-May	8	16/04/2024		Clifton Hill
6-Jun			16/06/2024	
7-Jul	9	17/06/2024		Fitzroy North
8-Aug			1/09/2024	
9-Sep	10	2/09/2024		Carlton North /Princess Hill
10-Oct			4/11/2024	
11-Nov	Annuals	5/11/2024		Various (as per contract)
12-Dec			31/12/2024	

Appendix 5 - Example of City of Yarra Audit Forms (Fulcrum)

Appendix 5.1 – Pruning Audit Form

The screenshot displays the Fulcrum mobile application interface for a pruning audit. The top navigation bar includes the Fulcrum logo, a search bar, and a filter icon. Below the search bar, there are buttons for "22 records", "CLEAR ALL FILTERS", "SAVE VIEW", and "REFERENCE FILES". A "DOWNLOAD DATA" button is located in the top right corner. The main map area shows a street grid in Carlton, Victoria, with several audit records overlaid as colored dots. The legend on the left side of the screen indicates the following status categories:

- Tree Pruned (Green dot)
- Tree Works (Red dot)
- Tree Reworks Ground (Orange dot)
- Tree Reworks Tower (Pink dot)
- Tree Reworks - Reactive (Blue dot)

The map also shows various landmarks and streets, including Princes Hill Primary School, Princes Hill Secondary College, Princes Park, and Edinburgh Gardens. The bottom of the screen shows a standard mobile OS navigation bar.

Appendix 5.2 – OH&S Audit Form (Fulcrum)

Citywide - OH&S Audit
✎
✓

Citywide

Created Location -37.790853, 144.985139 (37m accuracy, 0.0m from the record)

Updated Location -37.790711, 144.985332 (5m accuracy, 23.2m from the record)

Company • Citywide

Date • February 9, 2023

Location of work • 152-174 Queens Pde
Fitzroy North VIC 3068
AU

Operations • Tree Maintenance ▶ Pruning

Work Site Management View >

Operations Quality View >

Vehicle Audit View >

Equipment Condition View >

PPE View >

Auditor • Justin Bates

Citywide - OH&S Audit
✎
✓

Citywide / Work Site Management

Permits Qualifications & Tickets sighted? • Yes

Ticket photos

Citywide - OH&S Audit

Citywide / Work Site Management

HAC/JSA completed? * Yes

HAC/JSA Confirmation 

Council ELCMP available? * Yes

Council ELCMP photo 

SWMS Active * Chainsaw, Manual Handling, Overhead Powerlines HV/LV, Pruning Saws, Tower / EWP

SWMS Implementation * Yes

Site Housekeeping * Good

Emissions Controlled? * Yes

Traffic Management Plan in use? * Yes

Traffic flow around worksite safe & smooth? * Yes

Pedestrians Controlled? * Yes

signs & traffic cones out and in good condition? * Yes



Citywide - OH&S Audit

Citywide / Work Site Management

Site Housekeeping * Good

Emissions Controlled? * Yes

Traffic Management Plan in use? * Yes

Traffic flow around worksite safe & smooth? * Yes

Pedestrians Controlled? * Yes

signs & traffic cones out and in good condition? * Yes

Site Setup Photos





Site Comments * All good

Citywide - OH&S Audit

Citywide / Operations Quality

Powerline Clearance to 2020 regulations? * Good

Pruning cuts to Australian standard? * Good

Pruning quality photos 

Branch piles stacked safely? * Good

Branch stacking photos 

Site left in a clean condition? * Yes

Post work photos 

Quality Comments * All good

Citywide - OH&S Audit

Citywide / Vehicle Audit

Pre-start checklist complete? * Yes

Pre-start checklist photos 

Council branding & signage in place? * Yes

Vehicle clean and presentable? * Yes

Vehicle within service date? *

First Aid Kit Stocked? * Yes

Fire Extinguisher charged and in date? * Yes

Fire extinguisher tag & charge photo 

Lights, Indicators & Safety Beacons in use? * Yes

Emergency Instructions available? * Yes

Reversing Alarm Operational? * Yes

Electrical Testing In Date? * Yes

Earth Chain in Use? * Yes

Spill Kit stocked? * Yes

Citywide - OH&S Audit ✎ ✓

[Citywide](#) / Equipment Condition

Manual Tools in serviceable condition? * Yes ⓘ

Fuel stored safely? * Yes ⓘ

Equipment Pics



Equipment Comments * All good

Citywide - OH&S Audit ✎ ✓

[Citywide](#) / PPE

Gloves required/worn? * N/A ⓘ

Footwear in good condition? * Yes ⓘ

Sun Protection available in vehicle? * Yes

Helmet in service date? * Valid ⓘ

Eye Protection required/worn? * Yes ⓘ

High Viz Gear being worn? * Yes

Harness/Lanyard in service date? * Yes ⓘ

Chainsaw Chaps serviceable/worn? * Yes ⓘ

PPE Pics



PPE Comments * All good

Appendix 7 – Public Works Notification Example

Street Tree Pruning Public Notification

Yarra City Council street tree maintenance program will be operating in Richmond (Swan Street to Bridge Road) from 1 March 2021 – 30 April 2021.

These works are programmed every two years to maintain safe clearances from power lines, roads, signage, vehicles and pedestrians and meet Council’s obligations under the Electrical Line Clearance Regulations 2020.

Council requests and appreciates your understanding in completing these necessary works. Should you have any questions regarding these works please contact Council’s Open Space Services Team on 9205 5555 or info@yarracity.vic.gov.au