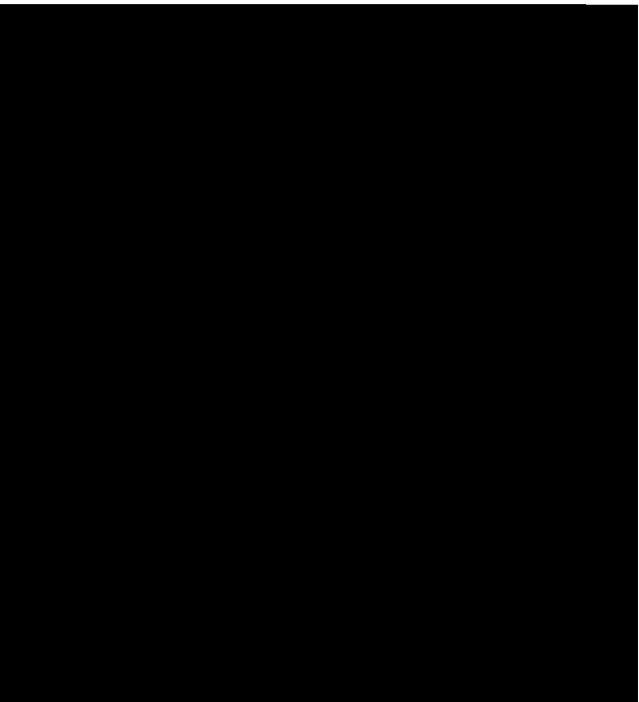


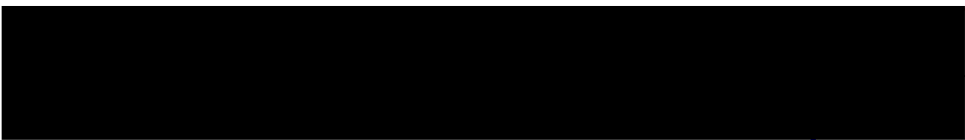
Tree Protection Plan (TPP) & Tree Protection Specification (TPS).

**49 Forest Road South,
Lara.**

July, 2026



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Introduction

This **Tree Protection Plan (TPP) & Tree Protection Specifications (TPS)** has been commissioned by Modica Developments in relation to Planning Permit Application No 574-2026 for development at 49 Forest Road South, Lara.

The TPP & TPS follows previous Arboriculture Impact Assessments (AIA) and will be provided tree protection measures as a way of protecting trees either on a development site or on neighbouring properties. The TPZ is a combination of the root area and crown area requiring protection. It is an area isolated from construction disturbance, so that the trees remain viable.

Key Objectives

Provide data on tree including:

- Proposed protection fencing locations if required.
- Ground Protection Specifications if required

Methodology

For the preparation of this TPP & TPS, Architectural drawings (Site-Proposed Site Design Response Plan. P005. Rev B) have been provided of the proposed development site which portrays the following;

- Proposed 3 dwelling construction.
- Proposed 2 new concrete driveways and crossovers.
- 2 neighbouring trees (51 Forest Road South, Lara)

Notional Root Zones (NRZ) and Structural Root Zones (SRZ) have been overlaid onto provided drawings (Appendix 1) to scale to locations for tree protection fencing or ground protection measures.

- **Notional Root Zone (NRZ)**, which is calculated by measuring the diameter of trunk at 1.4m above ground level (unless stated otherwise) and multiplying by 12, then measuring as a radius from the tree centre.



Structural Root Zone (SRZ) which is measured at base of tree and implemented into the formula. $SRZ \text{ radius} = (D * 50) .42 * 0.64$. This SRZ data will only come into consideration if a dramatic encroachment was to develop.

Stages of Development and the Tree Management Process

The below table represents a guide for all parties involved in construction works within a particular site to ensure the long term health and vigor of trees involved.

Some stages within this process may not be deemed applicable by the governing bodies or other site representatives.

Stage of Development	Tree Management Process		Site Status	Sign Off & Date
Planning	Matters for consideration	Actions and Certification		
Detail surveys	Council plans and policies Planning instruments and controls Heritage Threatened species	Existing trees accurately plotted on survey plan	Complete	
Preliminary tree assessment	Hazard/risks Tree retention value	Evaluate trees suitable for retention and mark on plan Provide preliminary arboricultural report and indicative TPZs to guide development layout	NA	
Preliminary development design	Condition of trees proximity to buildings Location of services Roads Level changes Building operations space Long-term management	Planning selection of trees for retention. Design review by proponent. Design modifications to minimize impact to trees.	Complete	
Development submission	Identify trees for retention through comprehensive arboricultural impact assessment of proposed construction. Determine tree protection measures Landscape design	Provide arboricultural impact assessment including tree protection plan (drawing) and specification	Complete	
Development approval	Development controls Conditions of consent	Review consent conditions relating to trees	To be determined	
Pre-Construction				

Stage of Development	Tree Management Process		Site Status	Sign Off & Date
Initial site preparation	State based OHS requirements for tree work Approved tree retention/removal Refer to AS 4373 for the requirements on the pruning of amenity trees Specifications for tree protection measures	Compliance with conditions of consent. Tree removal/tree retention/transplanting. Tree pruning. Certification of tree removal and pruning. Establish/delineate TPZ. Install protective measures. Certification of tree protection measures.	Certified 3 Arborist Cert 5 Arborist Building Contractor	
	Construction			
Site establishment	Temporary infrastructure Demolition, bulk earthworks, hydrology	Locate temporary infrastructure to minimize impact on retained trees. Maintain protective measures. Certification of tree protection measures.	Building contractor and Project Arborist	
Construction work	Liaison with site manager, compliance Deviation from approved plan	Maintain or amend protective measures. Supervision and monitoring	Project Arborist	
Implement hard and soft landscape works	Installation of irrigation services Control of compaction work Installation of pavement and retaining walls	Remove selected protective measures as necessary. Remedial tree works Supervision and monitoring.	Project Arborist and Building Contractor	
Practical completion	Tree vigour and structure	Remove all remaining tree protection measures Certification of tree protection	Project Arborist	

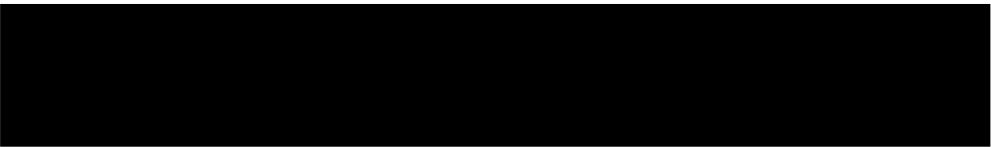
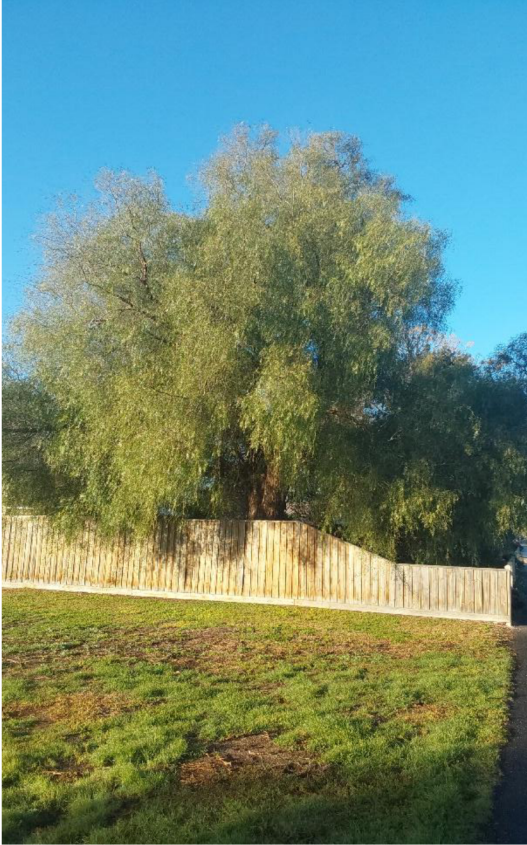


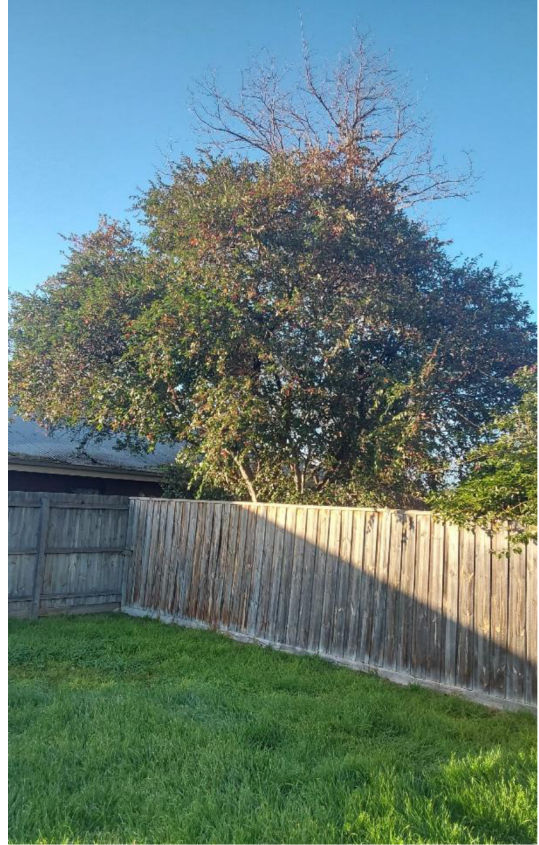
Table 1. Tree Data

Tree No.	Genus	Species	Common Name	Origin	Age	Height	Structure	Health	ULE	Arboriculture Significance	Buttress Diameter (m)	DBH stem 1 (m)	DBH stem 2 (m)	DBH Stem 3 (m)	Canopy Spread	Canopy M²	DBH @ 1.4m (Single)	DBH @ 1.4m (Multi)	TPZ (m radius)	SRZ Radius (m)	Comments
1	Shinus	molle	Peppercorn Tree	Exotic	Mature	9	Fair	Good	Long (a)	Moderate	1.38	0.95			18	254.4690049	0.95	0.00	11.40	3.79	DSH taken at 1.6m
2	Cotoneaster	sp	Cotoneaster	Exotic	Mature	6	Fair	Fair	Med (a)	Low	0.38	0.22	0.14	0.12	6	28.27433388	0.00	0.35	4.20	2.20	

Tree photos



Tree 1



Tree 2

Tree Protection Plan (TPP)

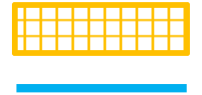
Tree protection measures are used to protect trees located either within a development site or on neighbouring properties. The Tree Protection Zone (TPZ) incorporates the root area and crown area requiring protection. It is an area isolated from construction disturbance so that retained trees remain viable throughout the development process.

Where required, tree protection fencing, ground protection measures, or a combination of both shall be installed within the construction site to isolate the relevant root zones of neighbouring trees that are not directly impacted by construction works.

As the backyard may be required for material storage during construction, ground protection measures, as illustrated in Figure 2, will be necessary. The use of boards, plates, or heavy plywood will help prevent soil compaction and restrict activities within the TPZ.

Figures 1 and 2, together with Appendix 1, illustrate the proposed ground protection measures and tree protection fencing to be installed within the development site.

The dimensions of the ground protection measures and tree protection fencing are shown in Figures 1 and 2.

[illegible]

Tree Protection Specifications (TPS)

The installation of the ground protection measures and tree protection fencing throughout the development property of 49 Forest Street South shall be erected **2 weeks** before any works commence on site and to the satisfaction of the responsible authority and must remain maintained until the completion of the dwelling construction works.

Ground protection measures and tree protection fencing must be installed in accordance with the scope outlined in the Tree Protection Plan (TPP) above, as shown in Figures 1 and 2. If an alternative arrangement of fencing and ground protection measures is required, the Project Arborist must be notified.

Project Arborist supervision is required for installation of ground protection measures to ensure correct placement.

Appendix 2 shows a Tree Protection Zone sign that is required to be placed on tree protection fences (if applicable).

Tree Protection Plan and TPZ restrictions below are to be advised to all trades on site with no storage of materials or access into TPZ's without the authority of the overseeing Arborist. Adherence to *Australian Standard 4970-2025 Protection of trees on development sites* is required by all construction workers on site.

Activities restricted within the TPZ

Activities generally excluded from the TPZ include but are not limited to—

machine excavation including trenching;

excavation for silt fencing;

cultivation;

storage;

preparation of chemicals, including preparation of cement products;

refuelling;

dumping of waste;

wash down and cleaning of equipment;
placement of fill;
lighting of fires;
temporary or permanent installation of utilities and signs, and
physical damage to the tree.

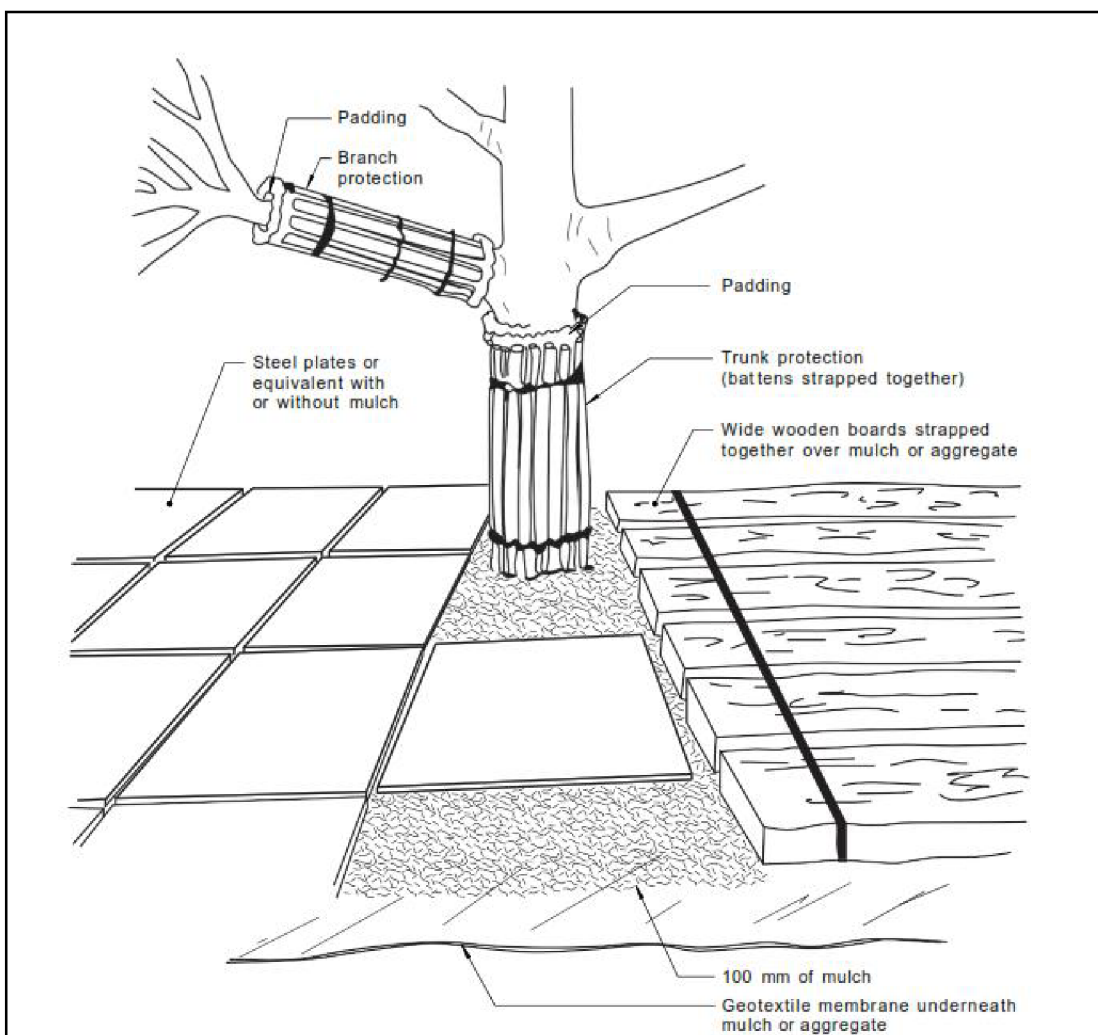


Figure 3. Ground Protection Measures to be installed on site where access for trades is required.



Figure 4. Tree protection zone fencing specifications (if applicable).

At the conclusion of the works and before seeking Statement of Compliance, the Project Arborist must submit a written statement to the responsible authority that certifies that the above points have been addressed.

References

Council of Australian Standards (2025), *Australian Standard; Protection of trees on development sites; AS 4970-2025*, Standards Australia, Sydney Australia.

Report Assumptions:

- Any legal description provided to Tree Insight is assumed to be correct. Any titles and ownerships to any property are assumed to be correct. No responsibility is assumed for matters outside the consultant's control.
- Tree Insight assumes that any property or project is not in violation of any applicable codes, ordinances, statutes or other local, state or federal government regulations.
- Tree Insight shall take care to obtain all information from reliable sources. All data shall be verified insofar as possible; however Tree Insight can neither guarantee nor be responsible for the accuracy of the information provided by others not directly under Tree Insight control.
- No Tree Insight employee shall be required to give testimony or to attend court by reason of the report unless subsequent contractual arrangements are made, including payment of an additional fee for such services.
- Loss of the report or alteration of any part of the report not undertaken by Tree Insight invalidates the entire report.
- Possession of the report or a copy thereof does not imply right of publication or use for any purpose by anyone but the client or their directed representatives, without the prior consent of Tree Insight.
- The report and any values expressed therein represent the opinion of Tree Insight consultant and Tree Insight fee is in no way conditional upon the reporting of a specified value, a stipulated result, the occurrence of a subsequent event, nor upon any finding to be reported.
- Sketches, diagrams, graphs and photographs used in the report, being intended as visual aids, are not necessarily to scale and should not be construed as engineering or architectural drawings, reports or surveys.
- Unless expressed otherwise: i) Information contained in the report will cover those items that were outlined in the project objectives or that were examined during the assessment and reflect the condition of those items at the time of inspection; and ii) The inspection is limited to visual examination of accessible components without dissection, excavation or probing unless otherwise stipulated.
- There is no warranty or guarantee, expressed or implied by Tree Insight, that the problems or deficiencies of the plants on site in question may not arise in the future.
- All instructions (verbal or written) that define the scope of the report have been included in the report and all documents and other materials that the Tree Insight consultant has been instructed to consider or to take into account in preparing the report have been included or listed within the report.
- To the writers knowledge all facts, matter and all assumptions upon which the report proceeds have been stated within the body of the report and all opinion contained within the report will be fully researched and referenced and referenced and any such opinion not duly researched is based upon the writers experience and observations.

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To the extent permitted by law, you agree that we will not be liable to you or any other person or entity for any loss or damage caused or alleged to have been caused, either directly or indirectly, by your use of the information (including by way of example, arboriculture advice) made available to you in this report. Without limiting this disclaimer, in no event will we be liable to you for any lost revenue or profits, or for special, indirect, consequential or incidental damage (however caused and regardless of the theory of liability) arising out of or related to your use of that information, even if we have been advised of the possibility of such loss or damage.

This disclaimer will be governed by and interpreted according to the laws of Victoria, Australia.

Appendix 1. Site Plan



Appendix 2. TPZ Sign

