

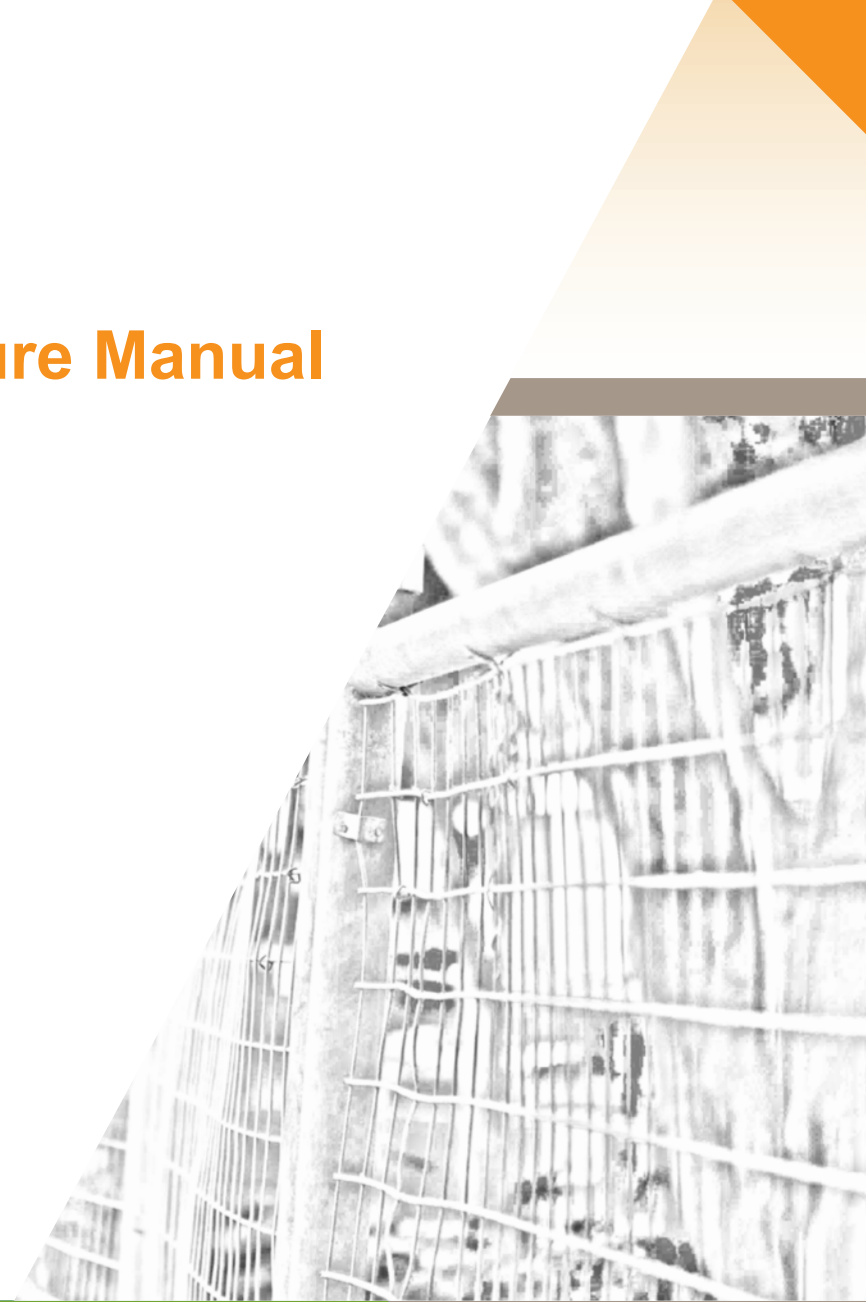
Sunshine Coast Open Space Landscape Infrastructure Manual

Site setup

Technical drawings	(DWGS)
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Also see:

Information sheet	(INFO)
Specifications	(SPECS)



1.0 Overview

This category of the LIM has been developed to provide guidance for the design and implementation of construction site setup.

The technical drawings section includes:

- **Technical drawing index**
(list of product information)
- **Technical detail drawings**
(also available as individual PDF files).




Important notes:

- This resource does not try to replicate all of the provisions of Legislation, Australian Standards (AS) and corporate documentation in words and pictures, nor does it seek to define their requirements.
- It aims to draw attention to the fact that effectively applied technical requirements translate into desirable qualities for end users.
- Product design, manufacture and installation require an appropriately qualified professional to provide site specific solutions.



2.0 Technical drawing index

Table 1: Site setup – Technical drawing index

Preliminaries	Drawing (DWGS)	Product description	Product information									
			Product	Supplier	Supplier reference	Size	Materials	Fixings	Finish	System access	Other	Warranty
N/A	N/A	further guidance	see Preliminaries - Cultural Heritage / Health and Safety / Environmental Management / Vegetation Management									
<p>Luminance contrast: Please note product images depict samples of products only. Luminance contrast requirements refer to the product and the background against which it is installed.</p>												
	SS-01 (1of1)	Tree protection fencing	TPZ fence	SCC	Temporary fencing panel	2100mm H x 2400 mm W per panel	chair wire mesh panels shade cloth (where required) concrete feet	N/A	N/A	N/A	alternative - plywood or wooden paling fence panels	10 years
	SS-02 (1of1)		TPZ fence	SCC	Safety barrier mesh	1000mm H x 50m roll L	highly visible orange 160gsm UV stabilised extruded polyethylene	N/A	N/A	N/A	N/A	12 months
	SS-03 (1of1)	Trunk / branch and ground protection types	Typical trunk / branch and ground protection treatments	SCC	Geotextile and load spreading material		geotextile (or permeable sheeting) mulch gravel timber boards or steel plates timber battens hessian or carpet underfelt	timber battens secured with wire or rope (nails or screws are NOT to be used)	N/A	N/A	alternative - temporary ground protection panels or mats (plastic)	
currently not available	IPWEA DS-040	Sediment control devices	sediment fence, entry / exit sediment trap	IPWEA				see DWG for details				

3.0 Technical drawings

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Elevation and plan views - TPZ

TYPICAL TREE PROTECTION FENCING

Tree Protection Zone (TPZ) established as per AS 4970 (12 x trunk diameter)

All approved works within fenced area (TPZ) to be supervised by the project arborist.

- Chain wire mesh panels with shade cloth (if required), held in place by concrete feet.
- Alternative plywood or wooden paling fence panels. This fencing material also prevents building materials or soil entering TPZ.
- Mulch installed across surface of TPZ (at discretion of project arborist).
- No excavation, construction, grade changes, surface treatment, washdown activities or storage of materials permitted within TPZ.

Signs (compliant to AS 1319) should be placed around the edge of the TPZ. Refer LIM Signage - parks and gardens suite - temporary signs.

TREE PROTECTION FENCE - CHAIN WIRE PANELS

TREE PROTECTION ZONE SIGN
Refer LIM Signage - parks and gardens suite - temporary signs for further guidance

3D view of protection fencing - TPZ

PLEASE NOTE:
THESE DRAWINGS ARE A GUIDELINE ONLY AND ARE NOT FOR CONSTRUCTION.
INDIVIDUAL SITE APPLICATION MAY REQUIRE:
• AMENDMENT AND CERTIFICATION BY OTHERS.
• FINISHES AND FINISHERS - REFER TO TECHNICAL DRAWING INDEX AND SPECIFICATIONS.
• DRAWING INDEX AND SPECIFICATIONS.
THIS DRAWING HAS BEEN PROVIDED BY THE MANUFACTURER FOR CURRENT DRAWINGS.
• NOMINATED MANUFACTURER. PLEASE REFER TO THE MANUFACTURER FOR CURRENT DRAWINGS, SPECIFICATIONS AND INSTALLATION DETAILS. THE TECHNICAL DRAWING PROVIDED MUST NOT BE ALTERED WITHOUT THE CONSENT OF THE MANUFACTURER AND MUST BE USED WITH THE ACKNOWLEDGEMENT OF THE MANUFACTURER AS PER THEIR COPYRIGHT AGREEMENT.
* (OR EQUIVALENT)

1 TYPICAL TREE PROTECTION FENCING - AS 4970 METHOD
NOT TO SCALE

Site set-up
Tree protection fencing - AS 4970 method

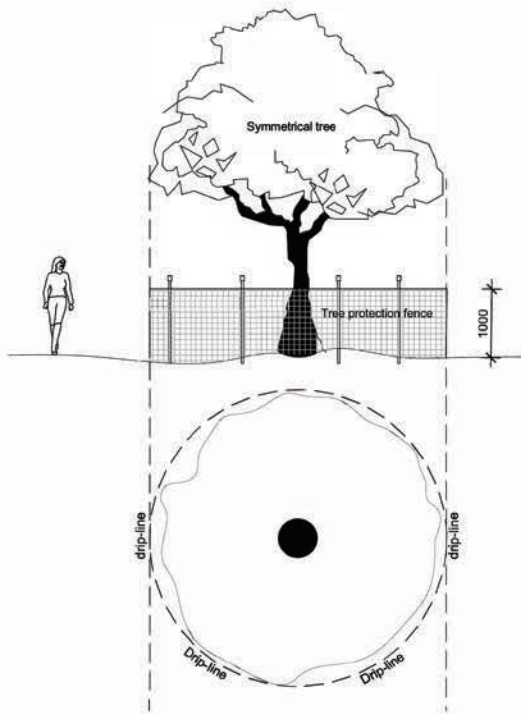
Issue date April 2021
Scale NTS @ A3

SS-01
1 OF 1

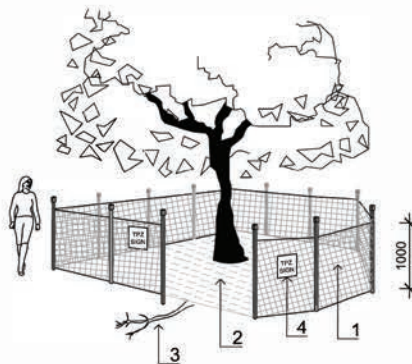
OPEN SPACE LANDSCAPE INFRASTRUCTURE MANUAL (LIM)

← Click to view separate technical drawing

SS-01 (1of1) - Tree protection fencing - AS 4970 method



Elevation and plan views - TPZ



3D view of protection fencing - TPZ

TYPICAL TREE PROTECTION FENCING

Tree Protection Zone (TPZ) established on the drip-line of the tree specimen

All approved works within fenced area (TPZ) to be supervised by the project arborist.

1. Safety barrier mesh or similar held in place with capped star-pickets.
2. Mulch installed across surface of TPZ (at discretion of Project Arborist).
3. No excavation, construction, grade changes, surface treatment, washdown activities or storage of materials permitted within TPZ.
4. Signs (compliant to AS 1319) should be placed around the edge of the TPZ. Refer LIM Signage - parks and gardens suite - temporary signs.



TREE PROTECTION FENCE - SAFETY BARRIER MESH



TREE PROTECTION ZONE SIGN
Refer LIM Signage - parks and gardens suite - temporary signs for further guidance

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1 TYPICAL TREE PROTECTION FENCING - DRIP-LINE METHOD
NOT TO SCALE

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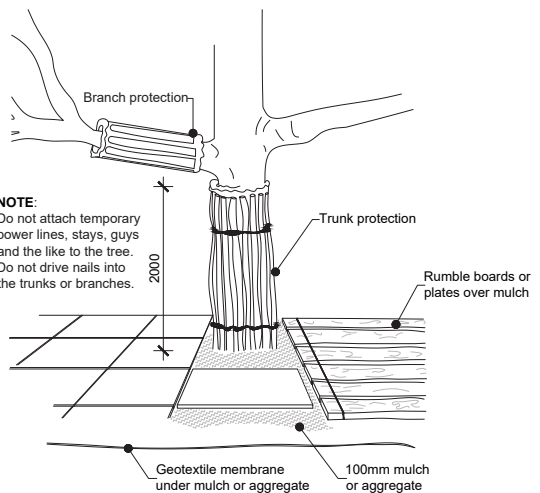


Site set-up
Tree protection fencing - drip-line method

Issue date April 2021
Scale NTS @ A3

SS-02
1 OF 1

← Click to view separate technical drawing



NOTE:
Do not attach temporary power lines, stays, guys and the like to the tree.
Do not drive nails into the trunks or branches.

1 TYPICAL TRUNK / BRANCH AND GROUND PROTECTION
NOT TO SCALE



TREE PROTECTION - TRUNK

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Site set-up
Trunk / branch and ground protection

Issue date April 2020
Scale NTS @ A3

SS-03
1 OF 1

← Click to view separate technical drawing

SS-03(1of1) - Trunk / branch and ground protection

See Institute of Public Works Engineering Australia
(IPWEA) website for standard drawing(s)

← Click to view separate
technical drawing

IPWEA DS-040 - Sediment control devices - sediment fence, entry / exit sediment trap

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www.sunshinecoast.qld.gov.au

mail@sunshinecoast.qld.gov.au

T 07 5475 7272 F 07 5475 7277

Locked Bag 72 Sunshine Coast Mail Centre Qld 4560