



Survey No.	Botanical Name	Height (m)	No. Trunks	Trunk dia. (m)	Canopy dia. (m)	Health and Vigour	Structural defects and decay	Stage	Quality Rating	Regulated Status?
						(G-good, F-fair, P-poor, DW-deadwood, EPI-epicomic growth)	(OC- occluded fork, AGL - Above Ground Level)	Juvenile (J), Semi-mature (SM), Mature (M), Overmature (OM)	Low (L), Poor (P), Medium (M), High (H), Exceptional (E, Low(ly) weed species)	Unleased Land / Yes TCCS Tree Act (Yes - Y, No - N) - Note: "N" denotes a tree not regulated due to ACT Declared Weed Species status
1	Ulmus spp.	14.00	1	2.50	12.00	Poor, sparse canopy	Evidence of elm beetle damage	M	L	Yes
2	Eucalyptus mannifera	15.00	1	3.80	15.00	Good health, minor DW	Lopsided canopy	M	M+	Yes
3	Melaleuca sp	6.00	5	2.20	8.00	Fair	OC and past limb failure	M	L	Yes
4	Melaleuca sp	6.00	2	0.80	8.00	Fair	OC and past limb failure	M	L	Yes
5	Melaleuca sp	6.00	3	1.60	8.00	Fair	OC and past limb failure	M	L	Yes
6	Melaleuca sp	6.00	4	1.80	8.00	Fair	OC and past limb failure	M	L	Yes
7	Melaleuca sp	6.00	3	1.60	9.00	Fair	OC and past limb failure	OM	L	Yes
8	Melaleuca sp	6.00	4	1.80	8.00	Fair	OC	M-OM	L	Yes
9	Melaleuca sp	7.00	2	1.40	6.00	Fair	Past limb failure / removed	M	L	Yes
10	Melaleuca sp	7.00	2	1.00	6.00	Fair	Past limb failure / removed	M	L	Yes
11	Melaleuca sp	6.00	2	1.40	5.00	Fair	Past limb failure / removed	M	L	Yes
12	Melaleuca sp	6.00	2	1.30	5.00	Fair	Past limb failure / removed	M	L	Yes

TREE PROTECTION NOTES

1. CONTRACTORS ARE REMINDED THAT THE MAJORITY OF TREE ROOTS GROW IN THE TOP 300 MM OF SOIL. The feeder roots, often very fine roots that provide the tree with water, oxygen and nutrients tend to be within the top 100mm. These roots typically grow between the tree's trunk to well beyond its 'drip-line' (the canopy edge). Ground works within the drip zone of a tree have the potential to do considerable damage to its root system. It can affect tree stability and tree health to such an extent that it will lead to the decline and possible death of the tree over a period of years. Within lease areas by legislation the Tree Protection Zone (TPZ) extends to tree crown + 2m, including the area beneath the crown.

2. TREE PROTECTION
Existing canopy clearance is not to be altered, unless otherwise approved.
Crowns and apex of canopies are not to be altered or reduced.
Ensure lifting equipment and load can clear height and width of tree canopy without damage to crown.
Ensure construction equipment can pass beneath lowest limb, through driveway access.

3. TREE ROOT PROTECTION
Any excavation (or fill) that occurs within 2m of the drip zone of a tree must be approved by the relevant government agency.

Where excavation is approved, the following measures are to be adopted for tree protection:
- Do not sever large roots (>30 mm diameter) closer than halfway from the drip-line to the trunk. Hand trenching to a depth of 300mm is required to locate these roots before any mechanical trenching is undertaken.
- All roots must be cut cleanly with equipment specifically designed to cut roots cleanly or other suitable pruning equipment.
- Roots exposed during excavation must be protected from desiccation. Keep lightly watered or cover with hessian, which must be kept moist.
- Water trees that have had disturbance in their root zone. The amount and frequency of water needs to be adapted to the trees requirement, based on seasonal conditions.
- Roots 50mm in diameter or larger shall be protected, including by excavation underneath tree roots where feasible;
- Minimise width of excavation in vicinity of trees as far as possible. shoring of excavations should be adopted in lieu of benching, to minimise overall cut width.

TREE 'REGULATED' STATUS BY VIRTUE OF SIZE

Under the Tree Protection Act 2005 a tree is termed a Regulated Tree and is to be protected if it is growing on Urban Leased land and has at least one of:
* A height of 12m or more; or
* A trunk circumference of 1.5m (approx 0.5m in diameter) or more at 1m above ground level; or
* Two or more trunks and the total circumference of all the trunks, 1m above ground level, is 1.5m or more, or
* A minimum crown width of 12m or more, and
* Must be alive - all dead trees have been ranked as Non Protected tree.
* Is not a weed species under the Pest Plant & Animals Declaration 2005

TREE PROTECTED STATUS

YES - The tree has a dimension that any activity must be assessed under the Tree Protection Act on leased land; or is on Government land eg. road verge, park, etc as all trees on Government land are protected.
NO - The tree if on Leased land does not meet the 'Regulated' tree status dimensions or is a declared Weed Species, it does not require assessment under the Tree Protection Act.
NA - Not applicable as Off Lease but often protected as these trees are generally on Government (Unleased) land.

Trees nominated as Protected can only be removed / pruned if approval in writing gained from all applicable Government agencies.

FUTURE TREE APPROVALS

On-Leased land: if a tree has protected or Regulated status then approval must be gained from TCCS Urban Treescapes Unit or by a DA through ESDD prior to removal, lopping or ground damaging activity.

Off-Lease (Territory) land: Please note all trees located external to the leased block boundary i.e. the verge, or open space cannot be removed, pruned or damaged without the approval of the TCCS Urban Treescapes Unit, City Services (13 22 81) as on Government land.

TREE MANAGEMENT:
Trees within lease require a Tree Management Plan (TMP) and on the verge a Landscape Management Protection Plan (LMPP) outlining removals, pruning, tree protection measures, site access and restorative works issues as part of the design process.

LEGEND

- LEASE BOUNDARY
- EXTENT OF WORKS
- EXISTING TREE to be retained and protected
- EXISTING TREE proposed to be removed on leased land (shown for information only refer to TA01)
- TEMPORARY PROTECTIVE FENCING
Trees to be retained are to be surrounded by 1800 high continuous mesh temporary fencing as shown on plan for the duration of works. No stockpiling of material, installation of services or site sheds or storage is allowed within the fenced area.

NOTES:

- 1) Tree locations and canopies shown are from aerial photography (ACTmap) and have not been surveyed.
- 2) It should be noted that trees are not geometric elements; their positions, shapes, sizes and heights as indicated by the Surveyor and ELD are indicative only. Field checks are required on any tree or items or detail which are considered critical to the design.

LANDSCAPE ARCHITECT

CLIENT

DRAWN BY

DATE

NAME

REV

envirolinks design

MUNNS SLY MOORE architects

JK

24/03/2021

FOR INFORMATION

A

5 / 61 Dundas Court - PHILLIP ACT 2606
Ph: (02) 6281 6066 www.envirolinks.com.au

TREE MANAGEMENT PLAN

CSCC - YACHT CLUB (B: 1 S: 42, YARRALUMLA)

JOB NO. 2076

TMP01

SCALE: 1:200 @ A3

4m

NORTH

DATE: 09.04.2021

ISSUE: D