

4 FENCING Fence off verg

Fence off verge areas as shown on plan. Fencing shall be 1.8m high continuous chain mesh fence supported by steel posts with concrete bases.

3. SITE ACCOMMODATION and/or STORAGE OF CONSTRUCTION MATERIALS Use of verges for storage, carparking, site sheds, site amenties, billboards and other site operations shall be contingent on approval of an application for the use of verges, public open spaces or Unleased Territory land lodged with TCCS or NCA as applicable. Approval of any such application may be granted subject to the Developer's agreement to comply with the terms and conditions, as specified by Asset Acceptance on application, for a specific site.

A suitably qualified Landscape Architect must be employed to oversee restorative work in the verge to ensure all requirements are followed.

verige works shall comply with TCCS STANDARD SPECIFICATION FOR URBAN INFRASTRUCTURE RKS and DESIGN STANDARDS FOR URBAN INFRASTRUCTURE and be to the satisfaction of CS Development Review & Co-ordinations (DRC) Asset Acceptance (ph. 6207 6581).

6. SITE ACCESS
Construction access for the site is to be provided as per plan. Any variations from this plan are to be submitted to TCCS DRC or NCA as applicable for approval prior to enacting on site.

Minimise width of excavation in vicinity of trees as far as possible, shoring of excavations should be adopted in lieu of benching, seasonal change.

adapted to the trees requirement, based on seasonal conditions.

- Roots 50mm in diameter or larger shall be protected, including by excavation underneath tree roots

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

1. GENERAL
The proponent

The proponent or their authorised representative is required to contact and consult with the ACT Transport Canberra and City Services (TCCS) or National Capital Authority (NCA) as applicable to seek approval for any use of Unleased Territory Land adjacent to the Lesse. Prior to commencement of works (demollion, debaring, excavation, construction), the applicant or their authorised representative must advise the relevant coordinator within TCCS Asset Acceptance in writing that the protective measures have been installed in accordance with the approved Landscape

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 tru

 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 undersizen. All roots must be cut deanly with equipment specifically designed to cut roots deanly or other suitable

> The Developer must coordinate all service approvals that are proposed within the road reserve, public open space and Unleased Territory land. Approval for trench locations must be obtained through TCCS DRC or NCA as applicable and the relevant Territory agencies at the planning and design stages. In most studions, excavation must not occur within the verge. Where excavation is allowed the following 7. SERVICE CONNECTION TO SITE The Developer must coordinate all ser

Boring or tunneling below the root zone must be undertaken if the excavation is within the canopy spread

Shared trenching for services is mandatory.

Number of verge crossings to be minimised.

Excavation for services across verge (i.e. at right angles to kerb, property line) is to be midway between

the tree trunks.

- Any service installation within 5.0m of an existing tree trunk, or within the tree canopy requires prior

NOTE: A Temporary Traffic Management Plan (TTM) and a Roads and Public Places Opening Permit (RPPOP) must be obtained from Roads ACT before any excavation is undertaken on Territory land.

SERVICES AND UTILITIES ALONG ROAD RESERVES
 The Developer must coordinate all service approvals.
 TCCS DRC approval for trench locations must be obtained a

TCCS DRC approval for trench locations must be obtained at the planning and design stage. New or upgraded services parallel to kerb or property line are to be installed on the following alignments (subject to approval) to minimise damage/disturbance to roots/root zone.

nelling below the root zone is to be undertaken if the excavation required is within the

ing footpath on the property line. y behind kerb.

 IRRIGATION
 RESERVED - No irrigation proposed on Unle
 ased Territory land

VERGE INFRASTRUCTURE CONDIT

ION AND RESTORATION

<u>0</u> Contact the TCCS DRC Officer to notify commencement of verge restoration and at the completion

of work.

At the completion of construction, verges should have established dryland grass cover. Topsoil is not to be removed and the soil level must not be changed. If the standard of grass cover on the verge is to be improved, the following requirements apply:

Lightly cultivate the soil to 25 mm to 50 mm depth (50 mm maximum to minimise damage to tree roots). Cultivate only in one direction. Avoid major roots, and keep a minimum of 1m away

Add 'B type' topsoil at 25 mm to 50 mm depth. Level the topsoil and add NPK fertiliser (equivalent to Multigro) at 40g/m2. from tree trunks.

If damage does occur to trees or other to be replaced or rehabilitated to NCA/ Lay turf or sow seed of suitable drought Specification for Urban Infrastructure Works. K work is to be approved by NCA/TCCS and carried out by approved operators. plantings on street verges or Public Open Spaces, they are TCCS satisfaction at the developer's expense. Restoration nt tolerant species as specified in the Standard Keep moist during establishment

DRYLAND GRASSING TO BE REINSTATED NON-PAVED VERGE AREAS BETWEEN RO AT COMPLETION OF WORKS TO ALL AD AND FOOTPATH.

Please note the inspection was limited to visual review by a Landscape Architect without coing, probing, excavation, dissection and laboratory analysis. No qualified Arborist review was undertaken. There is no guarantee or warranty that problems or deficiences in the assessed trees may not arise in the near future or once construction activities

TEMPORARY PROTECTIVE FENCING
Trees to be retained are to be surrounded by
1800 high continuous mesh temporary fending
as shown on plan for the duration of works. No
stockpilling of material, installation of services
or site sheds or storage is allowed within the
fenced area. Fenching may be relocated
temporarily for the purpose of landscape
works and service installations, but must be
re-instaled to original alignment immediately
upon completion of these operations

SITE ACCESS POINTS

EXISTING TREE to be retained and protected

EXTENT OF WORKS

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.



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DOMA GROUP

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5/61 Dundas Court PHILLIP ACT 2606
PROJECT
CSIRO HQ- CAMPBELL

Ph (02) 6281 6066

LANDSCAPE MANAGEMENT AND PROTECTION PLAN (UNLEASED LAND)

1058

LMPP-01



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JCALYPTUS	JCALYPTUS bicostata	UCALYPTUS bicostata	JCALYPTUS bicostata	JCALYPTUS bicostata	JCALYPTUS bicostata	EUCALYPTUS bridgesiana	EUCALYPTUS mannifera ssp maculosa		EUCALYPTUS rubida	EUCALYPTUS bicostata	EUCALYPTUS mannifera ssp maculosa	EUCALYPTUS mannifera ssp maculosa	EUCALYPTUS mannifera ssp maculosa	EUCALYPTUS mannifera ssp maculosa	EUCALYPTUS cinerea	JCALYPTUS cinerea	JCALYPTUS cinerea	JCALYPTUS cinerea	QUERCUS ilex	EUCALYPTUS mannifera ssp maculosa	S	EUCALYPTUS mannifera ssp maculosa	EUCALYPTUS mannifera ssp maculosa	EUCALYPTUS mannifera ssp maculosa	EUCALYPTUS mannifera ssp maculosa		JCALYPTUS mannifera ssp aculosa	EUCALYPTUS mannifera ssp maculosa	EUCALYPTUS mannifera ssp maculosa	JCALYPTUS mannifera ssp aculosa	JCALYPTUS cinerea	JCALYPTUS cinerea	EUCALYPTUS cinerea	EUCALYPTUS mannifera ssp maculosa	EUCALYPTUS mannifera ssp maculosa	EUCALYPTUS bicostata	EUCALYPTUS mannifera ssp maculosa	Z
14		14	16	12.5	14	14	16.5	15	18	19	15	13	13	12	9.5	9.5	9.5	11	13	14	12	16	20.5	10	14	12	10	14	13.5	13	12	13	13.5	11.5	0	18.5	14	Height T
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1.4		1.6	1.4 0.	1.4 0	1.9	3.0 0	1.4 0	1.1	1.6	1.4 0	1.9	1.1 0	0.8	1.4 0	1.1 0	2.8	0.9	1.6	1.6	1.4 0	1.1 0.		2.3	· ·	1.1 0.	0.8	0.9	2.4 0.	1.4 0		1.6	ω		1.4 0	.4	3.0 0	2.0 0	Trunk Tr
).45		0.5).45).45	0.6).95).45).35	0.5).45	0.6).35).25).45).35	0.9	0.3	0.5	0.5).45).35	l.'.	0.6).35).25	0.3).45	0.4	0.5	ı.—	1.5).45	0).95).65	Trunk C dia.
16		16	14	11	11	14	15	∞	12	12	15	12	00	9	14	12	9	16	10	10	10	10	12	10	6	10	∞	12	10	9	10	9	12	12	12	20	14	anopy dia.
- little to no DW	P - DW to 50% of canopy	F - minor DW	P / F - minor DW	F - minor DW	F - minor DW	G - no DW present, broad open canopy			G - minor DW	F - minor DW	G	G - minor DW	G - minor DW	G - minor DW	F- Minor DW	F - Minor DW	F - minor DW	F - DW	G	F - DW	F - DW	F - DW	G - minor DW	F - minor DW	F - minor DW	F - minor DW	P - minor DW	G- little to no DW	G	F- Minor DW	F - minor DW	F	G - minor DW	G - little to no DW	G - minor DW	G - minor DW	P-DW	Health and Vigour (G- good, F-fair, P-poor, DW- deadwood)
of 5 limbs, dieback to 50% canopy located close to building	pparent	Occluded fork	Kino, poor form & canopy structure	Coppice shoots, poor form	Coppice shoots, poor form	Forks @ 900 AGL, Occluded fork, limbs grown together	apparent	none apparent	Occluded fork, kino, multi limbs previously removed but good form	fork	DW stump occuring in upper limb where enveloped by growth	none apparent	none apparent	Occluded fork	lean to trunk, poor form overall due to close proximity of planting	lean to trunk, poor form overall due to close proximity of planting	to trunk, poor form	ack occur	Sprawling form with lower limbs hanging to GL	Minor dieback occuring	Lean to south	Minor dieback occuring, occluded fork	Occluded fork, open canopy, good form	none apparent	none apparent	apparent	Minor kino, previously pruned limbs resulting in reduced canopy	forks at 1.2m AGL - Minor Dead Wood	Occluded fork, 15 degree lean to south	Minor Dieback occuring to upper canopy	none apparent	none apparent	2-3 minor lower DW limbs	minor kino present	none apparent	Tightly forked	Extensive Cockatoo damage at forks	Structural defects and decay
0 1 0	none apparent	none apparent	e none apparent	none apparent	none apparent	none apparent	none apparent	none apparent	none apparent	none apparent	none apparent	none apparent	Scar at base up to 1m height, borer holes present	Scar at base, borer holes present	none apparent	none apparent	none apparent	none apparent	Bark loss and scarring at trrunk base, animal diggings	scarring at base	none apparent	none apparent	none apparent	none apparent	none apparent	none apparent	minor scarring at base of trunk	none apparent	exposed suface roots	none apparent	none apparent	none apparent		past use fencing wire enveloped by lower limb	none apparent	none apparent	limb loss, possible hollow in trunk	Past Damage or root disturbance
Z Z	N A	Z A	N A	NA	NA	N A	N A	NA	NA	N A	NA	NA	Boreers	Borers possible	minor scale / lerp attack	minor scale / lerp attack	minor scale / lerp attack	minor scale /	Z	NA	N _A	NA	NA	N A	N A	NA	NA	NA	N A	NA	minor scale /	minor scale / lerp attack	minor scale / lerp attack	NA	NA	NA	NA	Disease or infestation
Mature	Mature	Mature	Mature	Mature	Mature	Mature	Mature	Mature	Mature	Mature	Mature	Mature	Mature	Mature	Mature	Mature	Mature	Mature	Mature	Mature	Mature	Mature	mature	Mature	Mature	Semi- mature	Semi- mature	Mature	Semi- mature	Semi- mature	Mature	Semi- mature	Mature	Mature	Semi- mature	Mature	Mature	Semi-mature, Mature, Over mature)
3 (S	S	S	S	S	3	S	S	_	3	3	3	S	3	S	S	S	S	_	3	S	S	L	S	S	S	S	≤	Z	3	S	S	S	∠	< < < < < < < < < < < < < < < < < < <	≤	S	Useful Life Expectancy) S <10yrs; M 10- 25vrs: 1 >25vrs
≤ -	P	Ρ	P	P	P	3	P	P			≤	3	P	≤	P	P	P	P	エ	_ ≤		P	Ŧ	P	P	P	L	< <	≤	≤	_ ≤	< < < > < < < < < < < < < < < < < < < <	M+	S	M		P	Poor (P), Medium (M), High (H), Exceptional (E)
< -	~	~	~	~	~	~	~	~	~	<	~	~	<	~	~	~	ם	~	<	~	<	~	~	Z	~	~	z	~	~	~	~	~	~	~	~	~	~	Yes, No,

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STEWART ARCHITECTURE

LANDSCAPE ARCHITECT enviro links design

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SCALE NTS PROJECT

CSIRO	
HQ-	
CAMPBELL	

TREE ASSESSMENT

THIS REVISION:
DRAWN DE JOB NO. 1058 TA-L02

SHEET NO.
2 of 4

DESIGN PM

GN APP'D DATE

1 JRD 29.11.16

REVISION \(\triangle \)

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~	٦	S	Semi-mature	N A	none apparent	trunk from likely torched car located beneath.	P	10	0.45	1.4	ω 	 13	EUCALYPTUS blakelyi	80
→	7	U	Ividiure	N	appar	Bark+foliage burnt to 1 face of		10	0.5	1.6	1	14	ALTRIOS	/9
<	D	^	Mature	2	ש ס ט צ	part of greater trunk		14	0.95	3.0	u	13	AIVPTIIS	79
<	Р	S	Mature	NA	none apparent	removed DW stump with decay as	T	1/					EUCALYPTUS cinerea	78
~	P	S						12	0.36	1.1	1	14	EUCALYPTUS blakelyi	77
~	Р	S			1	group), some coppice growth, OC	DW and generally poor anopy foliage density	16	0.55	1.7	2	12	EUCALYPTUS blakelyi	76
<	P	S	mature	Z	none apparent	to close proximity of planting within group (5 actual trees within	contain some minor level	12	0.45	1.4	14	15	EUCALYPTUS blakelyi	75
<	P	S				Generally poor structural form due		16	0.55	1.7		13	EUCALYPTUS blakelyi	74
Z	3	≤	Mature	NA	none apparent	DW stump within tighly forked trunks from base	L- weed species	12	1.3	4.1	9	10	SORBUS domestica	73
~	工	_	Mature	NA	unlikely from suckers	e apparent	form	16	0.4	1.3	1	13	QUERCUS robur	72
<	_	S	Mature	NA	none apparent	Some scarring on lower trunk	- minor DW	12	0.5	1.6	7 1	1	EUCALYPTUS blakelyi	71
<	_	S	Semi-mature	N A	none apparent	Slight lean	F - DW throughout	15	0.5	1.6	1.5	13.5	EUCALYPTUS blakelyi	70
<	Г	S	Semi-mature	ZA	none apparent	none apparent	F - DW partial present	∞	0.25	0.8	3	13	EUCALYPTUS blakelyi	69
<	_	S	Semi-mature	NA	none apparent	Minor dieback	F - Sparse canopy, minor DW	12	0.4	1.3	15	15	EUCALYPTUS melliodora	68
1	Dead	1	ı	NA			ead	000	0.4	1.3	8	18	EUCALYPTUS melliodora	67
~	_	S	Semi-mature	NA	none apparent	Dieback throughout canopy	P - 90% DW	10	0.4	1.3	G	15	EUCALYPTUS melliodora	66
<	ェ	_	Mature	N	none apparent	none apparent	G - appears healthy, good form	18	0.4	1.3	7 1	17	EUCALYPTUS bicostata	65
<	3	≤	Mature	Z A	none apparent	Some dieback occuring in lower limbs	F - lower limbs DW, upper canopy healthy	15	0.5	1.6	1	14	EUCALYPTUS melliodora	64
~	3	_	Mature	Z _A	none apparent	none apparent	G - appears healthy, good form	16	0.5	1.6	3	13	QUERCUS robur	63
~	3	≤	Mature	Z _A	none apparent	Multi trunk result of lopped trunk and new basal growth	growth	9	0.84	2.6	6	13	EUCALYPTUS mannifera ssp maculosa	62
~	P	≤	Mature	Z	none apparent	none apparent	F - minor to no DW present	9	0.45	1.4	1	14	EUCALYPTUS mannifera ssp maculosa	61
<	3	3	Mature	tungal rot in wound at kino	Some surface roots from erosion	deviation in trunk / fracture @ 1.2m AGL causing severe kino	0 1	16	0.75	2.4	.5	13.5	UCALYPTUS	60
<	3	≤	Mature	small fungy present	ground very soft underfoot at base, may be unsound			15	0.6	1.9	12	14	EUCALYPTUS bridgesiana	59
<	3	≤	Semi-mature	Z A	nt :	none apparent	G - DW to lower limbs	∞	0.3	0.9	12	13	EUCALYPTUS bridgesiana	58
<	3	≤	Semi-mature	NA	minnor fungal growth	none apparent	G - 2nd trunk removed at base, minor DW	14	0.4	1.3	1.5	10.5	EUCALYPTUS bridgesiana	57
<	P	S	Semi-mature	Z	none apparent	Dieback occuring to upper canopy	/ P - DW, sparse cano bliage	9	0.25	0.8	W	13	EUCALYPTUS melliodora	56
~	P	S	Mature	Z _A	none apparent	none apparent	F - some minor DW, sparse canopy foliage	12	0.4	1.3	.6 1	15.	EUCALYPTUS melliodora	55
~	3	3	Semi-mature	N A	none apparent	none apparent	- good form	7	0.28	0.9	12	13	EUCALYPTUS blakelyi	54
~	3	< <	Semi-mature	NA	none apparent	none apparent	F - good form	9	0.3	0.9	.2	12.	EUCALYPTUS rubida	53
~	Ъ	S	Semi-mature	NA	none apparent	Significant dieback & minor coppice growth	P - 40% DW	12	0.4	1.3	2	12	EUCALYPTUS melliodora	52
~	P	S	Semi-mature	NA	none apparent	Significant dieback & minor coppice growth	P - 40% DW	9	0.4	1.3	1	13.	EUCALYPTUS melliodora	51
~	3	≤	Mature	NA	none apparent	1 No. previously limb removed, good form overall	F - little to no DW	12	0.6	1.9	1	14	EUCALYPTUS cinerea	50
~	ζ.	≤	Semi-mature				T	7	0.3	0.9	.5	a 14.5	CASUARINA cunninghamian	49
~	≾ +	≤	Mature				G	14	0.45	1.4	.5	a 15.	CASUARINA cunninghamiana	48
~	Ξ	_	Mature			entire copse.	G	14	0.6	1.9	5	18.	CASUARINA cunninghamiana	47
~	P	S	Mature			case scenarios. Tree 47 is largest, healthiest and most impressive of	P	11	0.45	1.4	12	a 18	CASUARINA cunninghamiana	46
~	ζ.	3	Mature	2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	limbs with only top 1/3rd of tree presenting healthy canopy in best	P	10	0.36	1.1	7 1		CASUARINA cunninghamiana	45
~	3	S	Mature	Z	none apparent	canopy and form overall. Increased DW present on majority of lower	T	4	0.24	0.8	6	a 16	CASUARINA cunninghamiana	44
~	≤	≤	Mature			4. Close proximity of planting has resulted in reduced quality of	T	12	0.65	2.0	7 2	a 17	CASUARINA cunninghamiana	43
~	ζ.	3	Semi-mature			l closely planted in ¿	P	12	0.3	0.9	ω μ	a 13	CASUARINA cunninghamiana	42
<	3	3	Mature				TI	11	0.45	1.4	6	a 16	CASUARINA cunninghamiana	41
~	3	≤	Mature				F	10	0.4	1.3	.5	15.	CASUARINA cunninghamiana	40
Tree Act Status (Yes, No, TaMS)	Quality - Low (L), Poor (P), Medium (M), High (H), Exceptional (E)	Useful Life Expectancy) S <10yrs; M 10- 25yrs; L >25yrs.	Stage (Juvenile, Semi-mature, Mature, Over mature)	Disease or infestation	Past Damage or root disturbance	Structural defects and decay	Health and Vigour (G- good, F-fair, P-poor, DW- deadwood)	Canopy dia.	Trunk dia.	Trunk	ght No.	Height	Botanical Name	o.

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SCALE NTS

CSIRO HQ-CAMPBELL

T R E E ASSESSMENT

THIS REVISION:

DRAWN DE

RH P JOB NO. 1058 DESIGN PM N APP'D
JRD
REVISION TA-L02 DATE 29.11.16

SHEET NO.
3 Of 4

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mannifera mannifera mixed	mannife	mannife		bridgesiana	blakelyi	mannifera	mannifera	mannifera	mannifera	mannifera	mannifera	mannifera	cinerea (part of copse)	blakelyi	blakelyi	mannifera ssp	mannifera ssp	mannifera ssp	blakelyi	blakelyi	blakelyi	blakelyi	blakelyi		
		14	11	11	10	9	15	16	16	13	13	7	13	18	13	13	10	11	13.5	15	12	16	13	Height T	
	17	Ь	P	Ь	P	<u>⊢</u>	6	2	Þ	Ь	<u> </u>	ω	<u> </u>	1 2	<u> </u>	1	1	1	1	1	1	1		No. Trunks	
		1.5	1.2 0	1.4	1.1	1.2	2.4	2.3	1.2	1.2	1.32 0	1.8	414 0.	2.042 0.	257 C	.319 0.	.885	571 0	257 (571 0	414 0.	728 0.	1.1 0.	Trunk Trucirc. d	
			0.5								0.4		0.45	0.65	0.4	0.42	0.6	0.5	0.4	0.5	0.45	0.55	0.35	Trunk Car	
P		12 F	10	9 F	7 P	6 F	13 P	14 F	7 F	⊗ 	10	5 P	9 P	14 G	10 F	10	11 G	10 P	10	15	11	16	12 P	Canopy gia.	
					- DW									active hollows	- lerp		- minor DW throughout	- minor DW throughout		throughout- lerp	F - minor to no DW			Health and Vigour (G-good, F-fair, P-poor, DW-deadwood)	
						under canopy of tree 50	regrowth off old stump				none apparent		none apparent	none apparent	none apparent	none apparent	oddly formed trunk with forking at 1.2m AGL resulting in wide form	none apparent		closely planted	Slight lean outward as group		none apparent	Structural defects and decay	
						crown all to one side					none apparent		none apparent	none apparent	none apparent	none apparent	none apparent	none apparent		none apparent			none apparent	Past Damage or root disturbance	
											NA		N N	NA	N	NA	NA	NA		Z	2		NA	Disease or infestation	
		Mature	Mature	Mature	Mature	Mature	Mature	Mature	Mature	Mature	Mature		Mature	Mature	Mature	Mature	Mature	Mature		Ividiure	2		Semi-mature	Stage (Juvenile, Semi-mature, Mature, Over mature)	
	S	3	S	3	S	S	S	S	Z	3	Z	S	3	L	3	3	3	S	S	3	3	3	S	SULE (Safe Useful Life Expectancy) S <10yrs; M 10- 25yrs; L >25yrs.	
		< < > < < < < < < < < < < < < < < < < <	P		_	P	P			P		Г	P	т	ӡ	3	3	P	< < < < < < < < < < < < < < < < < < <	3	3	3	P	Quality - Low (L), Poor (P), Medium (M), High (H), Exceptional (E)	
		~	~	Z	z	Z	~	~	~	~	~	z	~	~	~	~	~	~	~	~	~	~	~	Tree Act Status (Yes, No, TaMS)	

November 2016.	TREE ASSESSMENT CARRIED COT 26th November 2010 and		
	ind update 21		
1 2	_ > >	SHEET NO.	7
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FIGURED DIMENSIONS ARE TO BE TAKEN IN PREFERENCE TO
SCALED DIMENSIONS. CHECK DIMENSIONS ON SITE. NOTES: NO. REVISION DATE

Please note the inspection was limited to visual review by a Landscape Architect without coring, probing, excavation, dissection and laboratory analysis. No qualified Arborist review was undertaken. There is no guarantee or warranty that problems or deficiences in the assessed trees may not arise in the near future or once construction activities commence.

It should be noted that trees are not geometric elements; their positions, shapes, sizes and heights as indicated by ELD are indicative only. Field checks are required on any tree or items or detail which are considered critical to the design.

CLIENT

DOMA GROUP

A N D DATA

STEWART ARCHITECTURE

LANDSCAPE ARCHITECT enviro links design

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SCALE NTS

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TREE ASSESSMENT

2.1 2.2 2.3 2.3 2.4 2.5 2.6 2.7 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1

Canopy radius at the furthest point from the trunk (m) (additional measurements of the canopy radius may be provided in order to give a more accurate description of canopy dimensions).

of trunks and the sum of circumferences;

Trunk circumference (mm) at 1 metre above natural ground level of each Protected Tree. Where more than one trunk exists, the number

Unique and sequential identification number;

Height (m);

Botanical name;

SULE

Current growth stage (e.g. juvenile, semi-mature, mature or over mature).

Any evidence of past or present disease or insect infestation;

Any evidence of past damage to the tree or disturbance within the root zone;

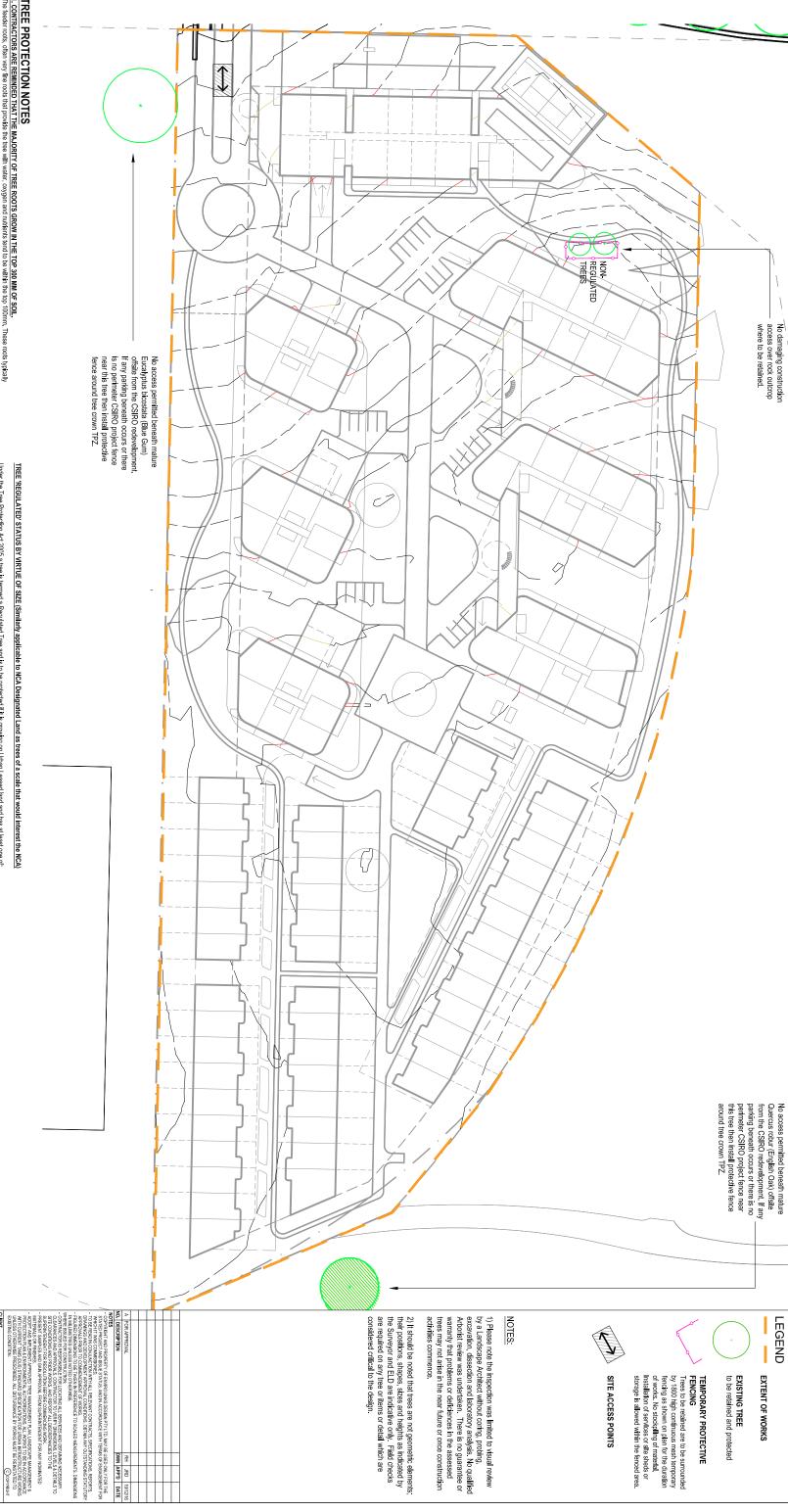
Any structural defects or evidence of internal decay;

The general health and vigour of the Protected Tree/s;

Risk Assessment of the tree in relation to proposed development and personal safety.

Tree quality classification Trees are to be classified as being of Poor (P), Medium (M), High (H) or Exceptional (E) quality.

1058 APP'D JRD REVISION TA-L02 DATE 29.11.16



REFER TO TREE ASSESSMENT PLAN FOR MORE TREE INFORMATION AND READ IN CONJUNCTION

EXTENT OF WORKS

EXISTING TREE to be retained and protected

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undas Court PHILLIP ACT 2606

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Where excavation is approved, the following measures are to be adopted for tree protection:

- Do not sever large nosts \230 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 destyned to cut roots cleanly or other suitable pruning equipment.

- Roots exposed during excavation must be protected from desiccation. Keep lightly watered or cover with hossian, which must be kept most.

- 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.

2. TREE PROTECTION

Existing canney clearance is not to be altered, unless otherwise approved.

Existing canney clearance is not to be altered unless otherwise approved.

Cowns and apex of cannepies are not to be altered or reduced.

Ensure lifting equipment and bad can clear height and width of tree canney without damage to crown.

Ensure construction equipment can pass beneath lowest limb, through diveway access.

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, oxyger and nutherits 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 otip zone of a tree have the potential to do grow between the tree's trunk to well beyond its drip-line' (the canopy edge). Ground works within the otip 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

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 hundry that is characteristic and paper of the protected in the trunks, and the total circumference of all the trunks, 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 cown width of 12m or more, and

*Must be after a lead trees have been anisked as Non Protected tree.

*Is not a need species under the Pest Plant & Animals Declaration 2005

CLIENT DOMA GROUP

RH JRD 19/12/16

DWN APP'D DATE

TREE 'REGULATED' STATUS BY VIRTUE OF SIZE (Similarly applicable to NCA Designated Land as trees of a scale that would interest the NCA)

"Is not a weed species under the Pest Plant & Animals Declaration 2005

TREE ERPOTECTED 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.

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

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

TREE PROTECTION NOTES
1. CONTRACTORS ARE REMINDED THAT THI
The feeder roots, often very fine roots that provid

3. TREE ROOT PROTECTION

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

TREE MANAGEMENT PLAN (LEASED LAND)

TMP 01

1058

