

Tree ref. number	Name	Common Name	1. Height (m)	1. Canopy 1m (mm)	2. Trunk dia. 1.4m (mm)	2. TPZ radius (m)	2. 5RZ radius (m)	Tree quality Classification	Comments	Action
National Cirt Verge										
1/1	Quercus bicolor	Swamp White Oak	14	16	700	730	8.4	222	2.9	E
1/2	Quercus bicolor	Swamp White Oak	12	14.5	540	560	6.48	132	2.61	M-P
1/3	Pittosporum 'Green Pillar'	Swamp White Oak	1.5	1.5						N/A
1/4	Viburnum tinus	(hedge planting)	2.5	2.5						N/A
1/5		Laurustinus								remove
71 National Cirt										
2/1	Fraxinus oxycarpa 'raywood'	Claret Ash	9	9	300	300			specimine tree	Retain
2/2	Rhododendron sp.	Rhododendron	2.5	2.5					Cluster of 3	Remove
2/3	Betula pendula x 3	Silver birch	7	3	100	80			multi-branched	Remove
2/4	Malus sp.	Crab Apple	4	6	450				Mixed shrubs	Remove
2/5	Mix sp. - Viburnum, Nandina, Camellia, Buxus, Rhodo.		max. 3.5	max. 3.5					specimine tree - retain if possible	Remove
2/6	Acer palmatum	Japanese Maple	5	7	370	450			twin leader @GL, watershoots, poorly pruned	Retain?
2/7	Malus domestica var.	Apple	9	9	450				weed species	Remove
2/8	Ligustrum sp.	Privet	3	2					specimine tree	Remove
2/9	Pistacia chinensis	Chinese pistacio	11	11	350					Remove
2/10	Fraxinus excelsior 'Aurea'	Golden Ash	11	11	740				Regulated tree - minor encroachment on TPZ	Retain*
2/11	Photinia serrulata	Photinia	3.5	3.5						Remove
2/12	Buxus sempervirens	English box	2.5	1.5						Remove
2/13	Ligustrum ovalifolium	Hedge Privet	3	3						Remove
2/14	Pyrus ussuriensis	Manchurian Pear	11	13	530	520	6.24	122	2.55	H
2/15	Celtis australis	Nettle tree	2	2					weed species	Remove
2/16	Koeleruteria paniculata	Golden rain tree	9	9	350				Regulated tree - Previous DA approved removal	Remove
2/17	Koeleruteria paniculata	Golden rain tree	9	9	250				weed species	Remove
2/18	Nerium oleander	Oleander	3.5	3.5					remove ivy	Retain
2/19	Mix sp. Nandina, Cotoneaster, Viburnum tinus, Euonymus		3	2					remove ivy	Retain
2/20	Spiraea cantoniensis	May bush	2	2.5					Mixed hedge - Remove Cotoneaster & Ivy	Remove
73 National Cirt										
3/1	Rosa sp.	Rose (espalliered)							Consult neighbour to remove from garage	Trim
3/2	Buxus sp.	Box (hedge)							established low hedge	N/A
69 National Cirt										
4/1	Picea sp.	Dwarf spruce	1.5	0.8					specimine	N/A
4/2	Photinia glabra 'Rubens'	Red leaf photinia	2.5	2					Established hedge	N/A
4/3	Sorbus sp.	Service tree	11	11	est. 600	420*	5.04	80	2.37	M
10 Daily St										
5/1	Ulmus parvifolia	Chinese Elm	5	7	200				heavily pruned to clear powerlines overhead	N/A
5/2	Malus sp.	Apple	4.5	5					multi branched - "	P
5/3	Olea sp.	Olive	5	8	est. 500	480*	5.76	104	2.25	M

NOTES

The assessment & rating of the health / condition of each tree or shrub is a preliminary gauge of the external appearance. There has been no assessment of the potential safety risk posed & any further appraisal is to be referred to an arborist (AQF level 5)

1. - Assessment in relation to the 'Tree Protection Act 2005' ACT Govt. Transport Canberra & City Services [TCCS] - A tree 12m or greater in height, &/or 12m canopy spread, &/or with a trunk's dia. of 500mm (c 1.5m) measured @ 1m above ground level is defined as a 'regulated tree'. Any proposed removal, groundworks (cutting or filling) within the 'Root Protection Zone' Canopy spread +2m*, or pruning other than 'Minor' defined by AS 4373-2007 to be referred to the 'Tree protection Unit - TCCS' for approval. Tree quality classification 'E' exceptional, 'H' high, 'M' medium or 'P' poor refer to Tree Protection (guidelines for tree management plans) determination 2010.

2. - Assessment in relation to AS 4970-2009. The trunk dia. @ 1.4m above ground level (*calculated dia. For multi-stemmed tree) & trunk dia. measured at ground level above the root buttress have been used to calculate the 'Tree protection zone' (TPZ) & 'Structural Root Zone' (SRZ). Groundwork encroachment within the TPZ (area) of less than 10% are considered 'Minor', proposals greater than 10% to be referred to an arborist (AQF level 5) for detailed assessment.

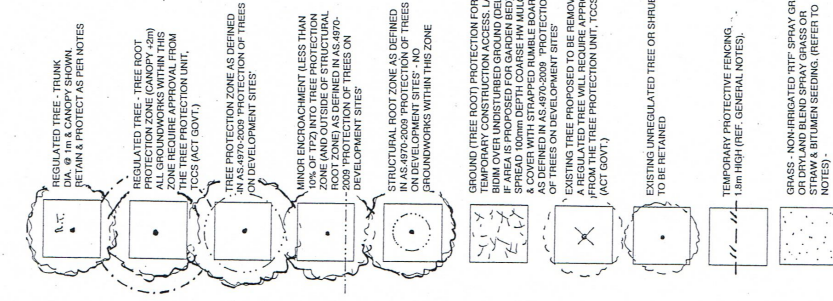
NOTES

OBTAIN DRYD PLANS & CONFIRM THE LOCATIONS OF ALL SERVICES WITH THE RELEVANT AUTHORITIES PRIOR TO EARTHWORKS AND PLANTING.

PLEASE REFER ALL ERRORS, OMISSIONS, OR AMENDMENTS TO LANDSCAPE ARCHITECT BEFORE PROCEEDING.

PROPOSED WORKS THAT EXTEND BEYOND THE FRONT BOUNDARY TO BE APPROVED BY CITY RANGERS DEPARTMENT, OR THAT ENROACH UPON OR ACCESS TO A SERVICE EASEMENT ARE TO BE APPROVED BY THE RELEVANT AUTHORITIES PRIOR TO CONSTRUCTION.

ALL GROUNDWORKS (EXCAVATION OR FILLING) WITHIN THE ROOT PROTECTION ZONE (CANOPY +2m) OF A REGULATED TREE (MEETING ONE OR MORE OF THE FOLLOWING CRITERIA - HEIGHT 12m, CANOPY SPREAD 12m, & / OR 500mm TRUNK DIA. MEASURED AT 1m ABOVE GROUND LEVEL) TO BE REFERRED TO ENVIRONMENT ACT (TCCS) FOR APPROVAL.



General Tree Protection Notes

All works to comply with the rulings the ACT GOVERNMENT - TRANSPORT CANBERRA CITY SERVICES (TCCS) - Tree Protection Unit. All works to be in accordance with AS 4373-2007 'Pruning of amenity trees' & AS 4970-2009 'Protection of trees on development sites'

The trees shall be fenced off as shown by a continuous 1800 mm high chain wire protective fence, no closer than a minimum distance of 3m from the trunk of the tree on all sides. Where construction access is required within this zone provide 'trunk & branch protection' & 'ground protection' measures as defined in AS 4970-2009. The protective fence shall be erected prior to the commencement of any construction / demolition works on and shall remain in place until all construction works are completed.

A tree protection sign, as specified by the tree protection unit, shall be prominently displayed on the protective fencing for the duration of all construction works

Within the tree protection zone (dipline + 2 metres) of a regulated tree there shall be no site sheds, parking, storage of building materials or equipment. Unless prior approval in writing is granted by the conservator, there shall be no excavation or filling, & underground services that need to be installed shall be underbored with any access trenches located outside of the tree protection zone.

If root pruning/removal is required, roots shall be cut cleanly (not pulled, torn or ripped). Exposed roots & adjacent soil shall be kept damp and backfilled as soon as possible. Any pruning to remove branches interfering with the roof line of the residence shall be conducted in accordance with AS 4373 'Pruning of amenity trees'. Any scaffolding, if required, shall be erected in such a way that no additional pruning is required.

Verge restoration - Where grass cover is poor maintain undisturbed soil within 1m of the trunk of any street tree. Within the tree protection zone spread 75mm (max.) depth of Type B topsoil to finished levels. Lightly cultivate the area to a depth of 100mm. Sow with dry land grass mix. Fertilise with 'Multi-grow' or equivalent slow release fertiliser (NPK 10-4-6) at a rate of 40 grams/m2. Maintain grass until a healthy, dense sward is achieved.

71 National Cirt., Deakin, ACT BLOCK 14, SECTION 2 Tree management plan (TMP- 2 of 2)		CLIENT Brown Residence DESIGN P D Barisic-Bentley PROJECT No. BRQ22061901 DATE 17.9.19 SHEET SIZE A3 ALL DIMENSIONS IN MILLIMETRES	PAUL BARISIC-BENTLEY Landscape Architect O417201229
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1.5m
pedestrian
clearance

