

Darlington Public School - Complete Tree List

SSDA Trees														Justification if removed		Incursion if removed		Incursion if retained (m)	
Tree	Species	Height (m)	Spread (m)	DBH (m)	Live canopy %	Defects	SULE	Condition	Age	Comments	TPZ (m)	SRZ (m)	Remove/Retain	Design	Arborist	into TPZ	into SRZ		
1	Broad leaved paperb	14	5	0.45	95	No visual defects	2a May only live for 15-40 years	Good	Mature	With garden rockery	5.4	2.4	Remove	Changes to Existing Levels and new accessible pedestrian entry, and overland flowpath.	Changes to existing levels and new accessible pedestrian entry.	100% (TPZ and SRZ)	-		
2	Broad leaved paperb	14	5	0.45	95	No visual defects	2a May only live for 15-40 years	Good	Mature	With garden rockery	5.4	2.4	Remove	Changes to Existing Levels and new accessible pedestrian entry, and overland flowpath.	Changes to existing levels and new accessible pedestrian entry.	100% (TPZ and SRZ)	-		
3	Small leaved pepper	17	7	0.55	80	No visual defects	2a May only live for 15-40 years	Fair	Mature	This tree no longer exists. Had fibrous root mass at base. Spilt	6.6	2.6	Remove	Changes to levels to create Astroturf kick about zone	Changes to levels.	100% (TPZ and SRZ)	-		
4	Cabbage tree palm (L	15	3	0.5	95	No visual defects	2a May only live for 15-40 years	Good	Mature	Fibrous root mass at base. Spilt	6	2.6	Remove	Changes to levels to create Astroturf kick about zone	Changes to levels.	100% (TPZ and SRZ)	-		
5	Swamp mahogany (E	14	6	0.4	92	No visual defects	2a May only live for 15-40 years	Good	Mature		4.8	2.4	Remove	Changes to levels to create Astroturf kick about zone	Changes to levels.	100% (TPZ and SRZ)	-		
6	Brushbox (Lophoster	14	6	0.4	92	No visual defects	2a May only live for 15-40 years	Good	Mature		4.8	2.4	RETAIN			12%	0		
7	Coastal banksia (B	8	3	0.35	90	No visual defects	2a May only live for 15-40 years	Good	Mature	Within paved area. Sewer pit a	4.2	2.3	Remove	Changes to levels to create new accessible entry path, and grading that delivered the overall overland flowpath.	Changes to levels to create new accessible entry path.	100% (TPZ and SRZ)	-		
8	Swamp mahogany (E	8	4	0.35	90	No visual defects	2a May only live for 15-40 years	Good	Mature	Within paved area. Sewer pit a	4.2	2.3	Remove	Changes to levels to create new accessible entry path, and grading that delivered the overall overland flowpath.	Changes to levels to create new accessible entry path.	100% (TPZ and SRZ)	-		
9	River she oak (Casua	15	5	0.5	95	No visual defects	2a May only live for 15-40 years	Good	Mature		6	2.6	Remove	Located in the path of new accessible entry pathway. Maintenance issues due to needles. Needles also can cause slip hazard.	Not large or significant trees.	100% (TPZ and SRZ)	-		
10	River she oak (Casua	9	2.5	0.2	95	No visual defects	2a May only live for 15-40 years	Good	Mature		2.4	1.9	Remove	Located in the path of new accessible entry pathway. Maintenance issues due to needles. Needles also can cause slip hazard.	Not large or significant trees.	100% (TPZ and SRZ)	-		
11	River she oak (Casua	9	2.5	0.2	95	No visual defects	2a May only live for 15-40 years	Good	Mature		2.4	1.9	Remove	Located in the path of new accessible entry pathway. Maintenance issues due to needles. Needles also can cause slip hazard.	Not large or significant trees.	100% (TPZ and SRZ)	-		
12	River she oak (Casua	15	5	0.5	95	No visual defects	2a May only live for 15-40 years	Good	Mature		6	2.6	RETAIN	This species has been retained to provide a reference for the Flora of the Blackwattle Creek riparian zone. The She-Oak is a feature of this community, levels around the tree are to be retained, a cove-like dry creek bed has been designed around the tree, the needles (for the mostpart) are interred to fall into the play space - opportunity for learning environment and Nature Play		<15%	0		
13	Tallowwood (Eucalyp	19	7	0.45	95	No visual defects	2a May only live for 15-40 years	Good	Mature	Part of a row of three	5.4	2.5	RETAIN				0		
14	Tallowwood (Eucalyp	19	7	0.45	95	Dead wood >50mm	2a May only live for 15-40 years	Good	Mature	Part of a row of three - 100mm	5.4	2.5	RETAIN				0		
15	Tallowwood (Eucalyp	19	7	0.45	95	No visual defects	2a May only live for 15-40 years	Good	Mature	Part of a row of three	5.4	2.5	RETAIN				0		
16	Firewheel tree (Sten	5	1	0.07	100	No visual defects	5a Small tree <5 m in height.	Good	Mature		0.8	1.1	Remove	Changes to levels to create Astroturf kick about zone. Correct grading required to ensure safe usage of space.	Small trees and could be readily replaced with alternate, more suitable planting.	100% (TPZ and SRZ)	-		
17	Illawarra flame tree	7	4	0.35	95	No visual defects	2a May only live for 15-40 years	Good	Mature		4.2	2.3	Remove	Changes to levels to create Astroturf kick about zone. Correct grading required to ensure safe usage of space.	Small trees and could be readily replaced with alternate, more suitable planting.	100% (TPZ and SRZ)	-		
18	Lemon-scented gum	17	6	0.45	92	No visual defects	2a May only live for 15-40 years	Good	Mature	Minor mechanical wound at ba	5.4	2.5	RETAIN	Changes to levels to create Astroturf kick about zone	Could be replaced with a better species to suit area.	100% (TPZ and SRZ)	<10%		
19	Bangalow palm (Arch	6	3	0.18	100	No visual defects	2a May only live for 15-40 years	Good	Mature		2.2	1.6	Remove	Changes to levels to create Astroturf kick about zone	Could be replaced with a better species to suit area.	100% (TPZ and SRZ)	-		
26	Kaffir plum (Harpeph	10	5	0.4	92	No visual defects	2c removed for more suitable pla	Good	Mature		4.8	2.4	Remove	As the neighbouring Sydney Uni Regiment building presents a blank facade and overshadows the site, it was deemed appropriate for the proposed school to abut the existing building. Extending the proposed building footprint to the northern boundary creates a strong street wall along Golden Grove Street and provides security and privacy for the school, without the need for extensive fencing. This direction was supported by GANSW during the masterplanning phase.	Removal of trees due to requested increased footprint. Replacement trees being provided with net increase to canopy.	100% (TPZ and SRZ)	-		
27	Kaffir plum (Harpeph	10	3	0.35	92	No visual defects	2c removed for more suitable pla	Good	Mature		4.2	2.3	Remove	As the neighbouring Sydney Uni Regiment building presents a blank facade and overshadows the site, it was deemed appropriate for the proposed school to abut the existing building. Extending the proposed building footprint to the northern boundary creates a strong street wall along Golden Grove Street and provides security and privacy for the school, without the need for extensive fencing. This direction was supported by GANSW during the masterplanning phase.	Removal of trees due to requested increased footprint. Replacement trees being provided with net increase to canopy.	100% (TPZ and SRZ)	-		
28	River she oak (Casua	12	3	0.25	70	No visual defects	3a May only live for 5-15 years.	Poor	Mature	Decline	3	2.1	Remove	As the neighbouring Sydney Uni Regiment building presents a blank facade and overshadows the site, it was deemed appropriate for the proposed school to abut the existing building. Extending the proposed building footprint to the northern boundary creates a strong street wall along Golden Grove Street and provides security and privacy for the school, without the need for extensive fencing. This direction was supported by GANSW during the masterplanning phase.	Removal of trees due to requested increased footprint. Replacement trees being provided with net increase to canopy.	100% (TPZ and SRZ)	-		
29	Black bean (Castanos	6	2	0.1	90	No visual defects	5a Small tree <5 m in height.	Good	Mature		1.2	1.2	Remove	As the neighbouring Sydney Uni Regiment building presents a blank facade and overshadows the site, it was deemed appropriate for the proposed school to abut the existing building. Extending the proposed building footprint to the northern boundary creates a strong street wall along Golden Grove Street and provides security and privacy for the school, without the need for extensive fencing. This direction was supported by GANSW during the masterplanning phase.	Removal of trees due to requested increased footprint. Replacement trees being provided with net increase to canopy.	100% (TPZ and SRZ)	-		
30	Kaffir plum (Harpeph	10	5	0.4	92	No visual defects	2c removed for more suitable pla	Good	Mature		4.8	2.4	Remove	As the neighbouring Sydney Uni Regiment building presents a blank facade and overshadows the site, it was deemed appropriate for the proposed school to abut the existing building. Extending the proposed building footprint to the northern boundary creates a strong street wall along Golden Grove Street and provides security and privacy for the school, without the need for extensive fencing. This direction was supported by GANSW during the masterplanning phase.	Removal of trees due to requested increased footprint. Replacement trees being provided with net increase to canopy.	100% (TPZ and SRZ)	-		
31	Willow gum (Eucalyp	16	7	0.45	90	No visual defects	2a May only live for 15-40 years	Fair	Mature		5.4	2.4	Remove	As the neighbouring Sydney Uni Regiment building presents a blank facade and overshadows the site, it was deemed appropriate for the proposed school to abut the existing building. Extending the proposed building footprint to the northern boundary creates a strong street wall along Golden Grove Street and provides security and privacy for the school, without the need for extensive fencing. This direction was supported by GANSW during the masterplanning phase. Retaining these trees would result in a linear pocket of playground between the proposed and existing building with poor sightlines for supervision.	Removal of trees due to requested increased footprint. Replacement trees being provided with net increase to canopy.	100% (TPZ and SRZ)	-		
32	Mulberry (Morus nig	6	7	0.45	95	Included codom stems	2c removed for more suitable pla	Fair	Mature	Codominant stems with partia	5.4	2.6	Remove	Refer Arborist justification.	Tree is splitting between stems.	Being removed due to unsuitability, not incursion.	-		
47	Spotted gum (Corym	21	11	1.2	95	No visual defects	2a May only live for 15-40 years	Good	Mature		14.4	3.6	Remove	Retaining Trees 47 and 48 was not possible due to the orientation of the proposed preschool to allow for good solar access to the activity rooms. In addition, the alignment of the two upper levels of learning neighbourhoods in a north-south direction allows for an efficient classroom configuration and minimises the building footprint. The proposed design of the upper levels is comprised of 16m wide floorplates for maximum daylight penetration into the classrooms, with an adjacent external walkway. The external stairs are required to be 6m from the building facade for fire isolation and their location has been dictated by travel distance requirements.	Removal of trees due to requested increased footprint. Replacement trees being provided with net increase to canopy.	100% (TPZ and SRZ)	-		
48	Sydney blue gum (Eu	21	11	1.1	95	No visual defects	2a May only live for 15-40 years	Good	Mature		13.2	3.5	Remove	Retaining Trees 47 and 48 was not possible due to the orientation of the proposed preschool to allow for good solar access to the activity rooms. In addition, the alignment of the two upper levels of learning neighbourhoods in a north-south direction allows for an efficient classroom configuration and minimises the building footprint. The proposed design of the upper levels is comprised of 16m wide floorplates for maximum daylight penetration into the classrooms, with an adjacent external walkway. The external stairs are required to be 6m from the building facade for fire isolation and their location has been dictated by travel distance requirements. The existing RL of tree 48 is approximately 600mm above the design level. The design level allows for an equitable accessible connection from the preschool to the playground.	Removal of trees due to requested increased footprint. Replacement trees being provided with net increase to canopy.	100% (TPZ and SRZ)	-		
52	Unknown	6	4	0.2	95	No visual defects	2c removed for more suitable pla	Good	Mature		2.4	1.9	Remove	These trees are located in the footprint of the proposed library. The masterplan for the school located the library at the centre of the proposal, symbolising the 'heart' of the school. The library has been located central to the classrooms and projects out into the playground to provide a connection to the landscape. Alternative locations for the library were considered however these impeded on sightlines and site circulation and were incompatible with the topography of the site.		100% (TPZ and SRZ)	-		
53	Tallowwood (Eucalyp	21	11	0.9	95	Dead wood <50mm	2a May only live for 15-40 years	Good	Mature	Soft fall around base	10.8	3.3	Remove	These trees are located in the footprint of the proposed library. The masterplan for the school located the library at the centre of the proposal, symbolising the 'heart' of the school. The library has been located central to the classrooms and projects out into the playground to provide a connection to the landscape. Alternative locations for the library were considered however these impeded on sightlines and site circulation and were incompatible with the topography of the site.		100% (TPZ and SRZ)	-		
54	Trident maple (Acer	6	2.5	0.1	100	No visual defects	2c removed for more suitable pla	Good	Mature		1.2	1.3	Remove	These trees are located in the footprint of the proposed library. The masterplan for the school located the library at the centre of the proposal, symbolising the 'heart' of the school. The library has been located central to the classrooms and projects out into the playground to provide a connection to the landscape. Alternative locations for the library were considered however these impeded on sightlines and site circulation and were incompatible with the topography of the site.		100% (TPZ and SRZ)	-		
55	Water gum (Tristanic	6	3	0.25	95	No visual defects	2a May only live for 15-40 years	Good	Mature		3	2.1	Remove	These trees are located in the footprint of the proposed library. The masterplan for the school located the library at the centre of the proposal, symbolising the 'heart' of the school. The library has been located central to the classrooms and projects out into the playground to provide a connection to the landscape. Alternative locations for the library were considered however these impeded on sightlines and site circulation and were incompatible with the topography of the site.		100% (TPZ and SRZ)	-		
56	Sweetgum (Liquidam	6	2.5	0.25	95	No visual defects	2a May only live for 15-40 years	Good	Mature		3	2.1	RETAIN			Street tree, no incursions.	-		
57	Sweetgum (Liquidam	6	2.5	0.25	95	No visual defects	2a May only live for 15-40 years	Good	Mature		3	2.1	RETAIN			Street tree, no incursions.	-		
58	Sweetgum (Liquidam	6	2.5	0.25	95	No visual defects	2a May only live for 15-40 years	Good	Mature		3	2.1	RETAIN			Street tree, no incursions.	-		
59	Brushbox (Lophoster	9	4	0.3	95	No visual defects	2a May only live for 15-40 years	Good	Mature		3	2.1	RETAIN			Street tree, no incursions.	-		
60	Tallowwood (Eucalyp	14	5	0.4	95	No visual defects	2a May only live for 15-40 years	Good	Mature		5	2	RETAIN			Street tree, no incursions.	-		
61	Tallowwood (Eucalyp	19	8	0.5	95	No visual defects	2a May only live for 15-40 years	Good	Mature		6	3	RETAIN			Street tree, no incursions.	-		

62	Evergreen Ash (Fraxi	6	3	0.2	95	No visual defects	2a May only live for 15-40 years	Good	Mature		3	2.1	RETAIN				Street tree, no incursions.
63	Evergreen Ash (Fraxi	6	3	0.2	95	No visual defects	2a May only live for 15-40 years	Good	Mature		3	2.1	RETAIN				Street tree, no incursions.
64	Brushbox (Lophoster	7	3	0.2	95	No visual defects	2a May only live for 15-40 years	Good	Mature		3	2.1	RETAIN				No incursion.
65	Brushbox (Lophoster	7	3	0.2	95	No visual defects	2a May only live for 15-40 years	Good	Mature		3	2.1	RETAIN				No incursion.
66	Evergreen Ash (Fraxi	6	3	0.2	95	No visual defects	2a May only live for 15-40 years	Good	Mature		3	2.1	RETAIN				No incursion.
67	Evergreen Ash (Fraxi	6	3	0.2	95	No visual defects	2a May only live for 15-40 years	Good	Mature		3	2.1	RETAIN				No incursion.
68	Tallowwood (Eucalypt	22	9	0.9	95	No visual defects	2a May only live for 15-40 years	Excellent	Mature		6	3	RETAIN				No incursion.

DA Trees														Justification for Removal		Incursion if removed		Incursion if retained	
Tree	Species	Height (m)	Spread (m)	DBH (m)	Live canopy %	Defects	SULE	Condition	Age	Comments	TPZ (m)	SRZ (m)	Remove/Retain	Design	Arborist	into TPZ	into SRZ		
20	Lemon-scented gum	20	8	0.6	95	Dead wood >50mm	2a May only live for 15-40 years	Good	Mature	Old storm damage noted. Sect	7.2	2.6	Remove	The installation of the Multisport Court will require these trees to be removed and 600-800m imported fill to be installed.	Removal of trees due to requested increased footprint. Replacement trees being provided with net increase to canopy.	100% (TPZ and SRZ)	-		
21	Sydney blue gum (Eu	20	8	0.6	95	No visual defects	2a May only live for 15-40 years	Good	Mature		7.2	2.8	Remove			100% (TPZ and SRZ)	-		
22	Sydney blue gum (Eu	20	8	0.6	95	No visual defects	2a May only live for 15-40 years	Good	Mature		7.2	2.8	Remove			100% (TPZ and SRZ)	-		
23	No Value	5	1	0.2	70	Root damage	2c removed for more suitable pla	Poor	Mature	Lopped for shed roof	2.4	1.6	Remove			100% (TPZ and SRZ)	-		
24	Spotted gum (Corym	21	8	0.8	95	No visual defects	2a May only live for 15-40 years	Good	Mature		9.6	3.1	Remove			100% (TPZ and SRZ)	-		
25	Lone Pine (Pinus brut	9	5	0.5	70	No visual defects	2a May only live for 15-40 years	Fair	Mature		6	2.6	Remove	100% (TPZ and SRZ)	-				
33	Sydney blue gum (Eu	21	10	0.5	95	No visual defects	2a May only live for 15-40 years	Good	Mature	Soft fall over root zone	6	2.6	Remove	In order to provide an accessible connection for wheelchair access, the existing steps need to be demolished and a new ramp constructed - the existing soil is required to be excavated to create a complying ramp at 1:14 grade - the excavation cuts through a significant portion of the TPZ and SRZ, the health of the tree will be compromised.	Level change at base of tree due to new accessible ramp	100% (TPZ and SRZ)	-		
34	Sydney blue gum (Eu	8	5	0.2	80	No visual defects	2c removed for more suitable pla	Fair	Mature	Asymmetrical canopy to the sc	2.4	1.9	Remove	Refer Arborist justification.	Smaller suppressed specimen which will never reach full potential.	Being removed due to low retention value, not incursion.	-		
35	Sydney blue gum (Eu	21	10	0.5	95	No visual defects	2a May only live for 15-40 years	Good	Mature	Soft fall over root zone	6	2.6	RETAIN	It is noted while this is a high incursion, where levels are required to be retained, terrace seats and walls have been designed in the place of existing structures to minimise excavation and additional impacts to tree health. The removal of rubber softball around these trees (and installation of floating deck) is to improve conditions and tree health. It's proposed that work in these areas will be by hand or under the supervision of the arborist.		27%	0		
36	Sydney blue gum (Eu	21	10	0.5	95	No visual defects	2a May only live for 15-40 years	Good	Mature	Soft fall over root zone	6	2.6	RETAIN			25%	0		
37	Sydney blue gum (Eu	21	10	0.5	95	No visual defects	2a May only live for 15-40 years	Good	Mature	Soft fall over root zone	6	2.6	RETAIN			23%	0		
38	Sydney blue gum (Eu	21	10	0.5	95	No visual defects	2a May only live for 15-40 years	Good	Mature	Soft fall over root zone	6	2.6	RETAIN			23%	0		
39	Sydney blue gum (Eu	21	10	0.5	95	No visual defects	2a May only live for 15-40 years	Good	Mature	Soft fall over root zone	6	2.6	RETAIN			13%	0		
40	Liquidambar (Liquid	9	3	0.18	108	No visual defects	2a May only live for 15-40 years	Good	Mature	Suppressed by larger trees	2.2	1.6	Remove	Refer arborist justification	Smaller suppressed specimens will never reach full potential	Being removed due to low retention value, not incursion.	-		
41	Liquidambar (Liquid	9	3	0.18	108	No visual defects	2a May only live for 15-40 years	Good	Mature	Suppressed by larger trees	2.2	1.6	Remove			-	-		
42	Liquidambar (Liquid	9	3	0.2	108	No visual defects	2a May only live for 15-40 years	Good	Mature	Suppressed by larger trees	2.4	1.9	Remove			-	-		
43	Cupresses sp.	7	0.5	0.15	100	No visual defects	2a May only live for 15-40 years	Good	Mature	Suppressed by larger trees	1.8	1.6	Remove			-	-		
44	Sydney blue gum (Eu	11	5	0.25	95	No visual defects	2a May only live for 15-40 years	Excellent	Mature	Soft fall over root zone	3	2.1	RETAIN		Note: existing wall to be removed and replaced with garden bed for this tree.	7%	0		
45	Sydney blue gum (Eu	18	8	0.45	95	Dead wood >50mm	2a May only live for 15-40 years	Excellent	Mature	Soft fall over root zone. Sectio	5.4	2.5	RETAIN	It is noted while this is a high incursion, removal of existing structures and softfall (replacing with garden) is proposed so that impacts to tree are minimised and health is improved. It's proposed that work in these areas will be by hand or under the supervision of the arborist.	Note: existing wall to be removed and replaced with garden bed for these 2 trees.	22%	0		
46	Spotted gum (Corym	19	8	0.55	95	No visual defects	2a May only live for 15-40 years	Excellent	Mature		6.6	2.7	RETAIN			21%	0		
49	Broad leaved paperb	8	2.5	0.25	90	No visual defects	1a >40 years	Good	Mature	Group of three stems	3	2.1	Remove	The installation of the Multisport Court will require these trees to be removed and 600-800m imported fill to be installed.	Removal of trees due to requested increased footprint. Replacement trees being provided with net increase to canopy.	100% (TPZ and SRZ)	-		
50	Illawarra flame tree	7	4	0.2	95	No visual defects	2a May only live for 15-40 years	Good	Mature		2.4	1.9	Remove			100% (TPZ and SRZ)	-		
51	Hymenosporum flavu	5	2	0.1	100	No visual defects	5a Small tree <5 m in height.	Good	Mature		1.2	1.3	Remove			100% (TPZ and SRZ)	-		