

Darlington Public School – SSDA Condition C23 Stage 2

Condition	Condition requirements	Document reference
23 -	Prior to the installation of landscaping, the Applicant must prepare a revised Landscape Plan to the satisfaction of the Planning Secretary. The plan must:	Refer DPS-SSDA Condition C23 Summary Document (Stage 2) Pg 5-6 of pdf
23 (a)	(a) include planting details, and location, numbers, type and supply size of plant species, with reference to Australian Standards and preference for drought resistant species that contribute to habitat creation and biodiversity;	For planting types, supply sizes, plant species A-80000 (Appendix A, Pg 8 of pdf) For planting locations refer to planting plans A-83002-4 (Appendix A, Pg 34-36 pdf) For planting details refer A-82030-1 (Appendix A, Pg 28 of pdf) For drought resistant species that contribute to habitat creation and biodiversity refer Planting Plans A-83002 to A- 83004(Appendix A, Pg 34-36 of pdf) For Australian Standards (Refer Pg 5 of pdf – Item 1.2)
23 (b)	 (b) provide for: (i) the retention of additional trees to be retained under condition C20; (ii) the retention of additional trees to be retained under condition C21, unless otherwise agreed by the Planning Secretary under that condition; (iii) a minimum 62% canopy cover within the site as stated in the 'Response letter to DPIE' by Ethos Urban dated 15 October 2020; (iv) a new Eucalyptus saligna (to replace tree 48) in garden bed between COLA fire stairs pavement and kickabout area; 	 b) i) Refer Appendix C – Trees Retention Table and Appendix D – Darlington Public School Arborist Report ii) Tree's 9,10 & 11 have been additionally kept under further investigations carried out under C21. iii) Refer Appendix C – Tree Canopy Comparison iv) Refer schedule A-80000 – (Appendix A, Pg 8 of pdf) and plans A-83003 (Appendix B, Pg 35 of pdf)

	 (v) six Flindersia australis (200L pot size), three Banksia integrifolia (200L pot size) and one Magnolia grandiflora (400L pot size); (vi) compensatory tree planting of at least 36 trees with 30% of the tree species having a mature height of at least 6 metres, 30% mature heights of at least 10 metres and 40% mature heights of at least 20 metres; 	 v) Refer planting schedule A-80000 (Refer Appendix A, Pg 8 of pdf), Refer drawings A-83002, A-83003 and A-83004 for plant locations (Refer Appendix A, Pg 34-36 of pdf) vi) Refer planting schedule A-80000 (Refer Appendix A, Pg 8 of pdf & summary document)
23 (c)	 (c) include trees: (i) that represent a diverse range of species consistent with the expected mature heights and growth within the Sydney area and avoid palms, fruit trees and species recognised to have a short life span; (ii) are grown to Australian Standard 2303:2015 'Tree stock for landscape use' and have a pot size at installation of at least 200 litres (except as otherwise stated in these conditions) and a minimum height of 3 metres; (iii) that are planted in natural ground with adequate soil volumes to allow maturity to be achieved; (iv) that are appropriately located away from existing buildings and structures to 	 c) i) Diversity of trees detailed in tree schedule A-80000 (Appendix A – Pg 8 of pdf) ii) Installation to Australian Standard 2303. Refer planting schedule A-80000 (Appendix A – Pg 8 of pdf) iii) All trees planet in natural ground. Refer planting detail drawings A-82030-31 (Appendix A, Pg 28-29 of pdf) iv) Refer planting plans d A-83002 to A-83004 (Refer Appendix A, Pg 34-36 of pdf)
23 (d)	 (d) include details of earthworks and soil depths including finished levels and any mounding, with minimum soil depths for planting on slab of 1000mm for trees, 450mm for shrubs and 200mm for groundcovers, excluding mulch and drainage layers; and 	d) (N/A) no plants to be installed on-top of a slab in either Stage 1 or 2
23 (e)	(e) include details of planting procedures, drainage, waterproofing and watering systems.	e) Refer dwg A-82030 (Appendix A, Pg 28-29 of pdf)





Darlington Public School

SSDA Condition C23 Satisfaction Report

Stage 2 - Update

A W EDWARDS PTY LIMITED

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SSDA Condition C23

1

DPS - SSDA CONDITION C23 SUMMARY DOCUMENT (STAGE 2)

1.1 INTRODUCTION

This summary has been produced to seek approval to commence landscaping works for Stage 2 only, refer A-8000 for drawing set of Stage 1 & 2 drawings. Some plans referenced below have been previously submitted.

1.2 CONDITION C23A REFERENCE/SUMMARY

- For planting types, supply sizes, plant species refer to planting schedule on cover sheet A-80000.
- The selected plant species provide a diverse mix of understory and tree species across the site. The planting concept reinforces the Blackwattle Creek riparian woodland where possible. A small percentage of selected species also include exotic understory and tree species that accommodate shaded pockets adjacent building facades and deciduous trees in play areas that allow valuable winter sun. Native plant species in particular are drought resistant and contribute to the Blackwattle Creek habitat creation and biodiversity as the sitewide response. This approach is in conjunction with our Specifications and includes nursery best practice landscape design measures prescribed within AS.2303 Tree Stock for Landscape use.
- For planting locations refer to planting plans A-83002, A-83003 & A-83004
- For planting details refer to drawings A-82030 & A-82031
- For drought resistant species that contribute to habitat creation and biodiversity refer Planting Plans A-83002 to A-83004. Drought resistant species highlighted with red underline.

1.3 CONDITION C23B REFERENCE/SUMMARY

- i) All tree's referenced under C20 have been retained in Stage 2, these Trees are numbered 6, 12, 13, 14, 15, 17, 18 and 19. Additional tree's retained was determined under condition C21(a-c). This condition has already been satisfied with tree's 9,10 & 11 being retained.
- ii) Refer Appendix C Tree Canopy Comparison submitted as part of response letter to DPIE. Tree canopy coverage remains the same and will achieve the 62% noted once stage 2 is complete.
- iii) A new Eucalyptus Saligna is installed in Stage 2. Refer landscape plant schedule on the cover sheet A-80000 and planting plan A-83004.
- iv) 6 x Flindersia australis(200L), 3 x Banksia integrifolia (200L) and 1 x Magnolia grandiflora (400L) are specified for the project - Refer planting schedule on the cover sheet A-80000.
- Stage 1 includes 3 x Flindersia and Stage 2 includes 3 x flindersia as follows:
 - (stage 1) 3 x Flindersia australis (200L pot size), A-83001, A-83002 0
 - (stage 2) 3 x Flindersia australis (200L pot size), A-83002, A-83003 0
- Stage 2 also allows for the following: 3 x Banksia integrifolia (200L pot size) and 1 x Magnolia grandiflora (400L pot size), refer planting plans A-83002, A-83003, A-83004
- v) Total number of trees (stage1 + stage2) is 46. All trees (100%) have a mature height of at least 6m. 30 trees (65%) have a mature height of at least 10m. 21 trees (45%) have a mature height of at least 20m.

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1.4 CONDITION C23C REFERENCE/SUMMARY

- i) A variety of trees are specified for the project which satisfy this condition. Such trees and their details are reflected on the tree schedule the first table on drawing A-80000. The proposed trees (eg: Banksia integrifolia, Eucalyptus citriodora, Eucalyptus Saligna, Flindersia australis, Pistacia chinensis, Ulmus parvifolia, Melaleuca linarifolia etc) have presented a diverse range of species consistent with the expected mature heights and growth within the Sydney area. There is also a selection of exotic tree species including Magnolia sp, Pistacia and Ulmus. There is one palm species highlighted in the planting design as Livistona australis which is endemic to the Sydney Basin. The inclusion of this species was a special request from the aboriginal elders. These proposed trees don't include fruit trees nor recognized tree species that have a short life span.
- ii) All proposed trees are specified in minimum 200L pot sizes at a minimum 3m height at installation to Australian standard 2303. Refer planting schedule on the cover sheet A-80000.
- iii) All trees will be planted in natural ground. Refer planting detail drawing A-82030 &A-82031 which highlights soil depth requirement of 1m for all tree installation which maximizes potential to achieve expected maturity.
- iv) All proposed trees are in the locations at least 4m away from the new building extents including existing structures to ensure the maturity of the trees can be achieved without restrictions. Refer planting plans A-83001 to A-83004.

1.5 CONDITION C23D REFERENCE/SUMMARY

d) N/A there are no plants to be installed on-top of a slab in either stage 1 or 2.

1.6 CONDITION C23E REFERENCE/SUMMARY

e) Planting procedures including installation, establishment and maintenance are provided in the landscape specifications. Softscape details and planting procedures are provided on detail drawing A-82030. No waterproofing needed as all planting is on natural grade. 90mm AG pipe to tree pits is proposed to connect to sitewide stormwater system for drainage. There is no irrigation system provided; watering will be handled by hose via a network of proposed water taps on site. Taps / hose cocks have been located strategically around the school grounds to ensure garden bed areas can be manually watered by hand with hoses. Hand watering with hoses is more sustainable in terms of water use and requires less maintenance long term compared to irrigation systems. All planting will require a degree of watering and maintenance, especially through the initial plant establishment and maintenance periods of the project. In time, when plants are established there would be less water demand for native planting, as specified on the project compared to some exotic plant species.

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2 APPENDICES

2.1 APPENDIX A – LANDSCAPE DRAWINGS STAGE 2

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2.2 APPENDIX B - TREE CANOPY COMPARISON

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2.3 APPENDIX C - TREES RETENTION TABLE

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2.4 APPENDIX D - DARLINGTON PUBLIC SCHOOL ARBORIST REPORT

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LIST OF DRAWINGS (STAGE 1)

© FRANCIS-JONES MOREHEN THORP PTY LTD 2023 ABN 28 101 197 219 NOMINATED ARCHITECTS: RICHARD FRANCIS-JONES 5301 ELIZABETH CARPENTER 6141

LANDSCAFE FLANS			
A-80000 A-80001 A-80011	NTS 1:250 1:100	A1 A1 A1	
LANDSCAPE PLAY AR	EAS AND SECTIONS		
A-81011 A-81012 A-81013 A-81014 A-81015 A-81051 A-81052 A-81061 A-81062 A-81070	Preschool Outdoor Area Preschool Outdoor Area Preschool Outdoor Area - Set Out 01 Preschool Outdoor Area - Set Out 02 Preschool Outdoor Area - Set Out 03 Ramp Area - Set Out Ramp Preschool - Set Out Stair Sections Stair Sections Play Equipment	As Shown As Shown As Shown As Shown As Shown As Shown As Shown As Shown As Shown	A1 A1 A1 A1 A1 A1 A1 A1 A1
LANDSCAPE DETAILS			
A-82010 A-82020 A-82030 A-82040 A-82050 A-82060	Pavements Walls and Edging Softscape External Stairs and Ramps Furniture and Structures Fences and Gates	As Shown As Shown As Shown As Shown As Shown As Shown	A1 A1 A1 A1 A1
LANDSCAPE PLANTIN	IG PLANS		
A-83001	Planting Plan - ZONE 1	1:100	A1
LANDSCAPE SCHEDU	JLE OF WORKS		
A-84000	Schedule of Works	N/A	A4
A-80000 A-80001 A-80012 A-80013 A-80014	Cover Sheet and Schedules Site Plan Ground Floor - G.A and Finishes - ZONE 2 Ground Floor - G.A and Finishes - ZONE 3 Ground Floor - G.A and Finishes - ZONE 4	NTS 1:250 1:100 1:100 1:100	A1 A1 A1 A1 A1
LANDSCAPE PLAY AR	EAS AND SECTIONS		
A-81016 A-81017 A-81018 A-81021 A-81022 A-81023 A-81024 A-81031 A-81041 A-81042	Outdoor Area - Set Out 01 Outdoor Area - Set Out 02 Outdoor Area - Set Out 03	As Shown As Shown As Shown As Shown	A1 A1 A1 A1
A-81043 A-81044 A-81045	Climbing Area Climbing Area Climbing Area Climbing Area Natural Play + Dry Creek Bed Active Play Active Play Boardwalk Section Boardwalk Section Boardwalk Section	As Shown As Shown As Shown As Shown As Shown As Shown As Shown As Shown As Shown	A1 A1 A1 A1 A1 A1 A1 A1
A-81043 A-81044 A-81045 LANDSCAPE DETAILS	Climbing Area Climbing Area Climbing Area Natural Play + Dry Creek Bed Active Play Active Play Boardwalk Section Boardwalk Section Boardwalk Section	As Shown As Shown As Shown As Shown As Shown As Shown As Shown As Shown	A1 A1 A1 A1 A1 A1 A1 A1
A-81043 A-81044 A-81045 LANDSCAPE DETAILS A-82011 A-82012 A-82021 A-82021 A-82022 A-82031 A-82041 A-82042 A-82043 A-82043 A-82045 A-82052 A-82053	Climbing Area Climbing Area Climbing Area Climbing Area Natural Play + Dry Creek Bed Active Play Boardwalk Section Boardwalk Section Boardwalk Section Boardwalk Section Boardwalk Section Pavements Walls and Edging Walls and Edging Softscape External Stairs and Ramps External Stairs and Ramps Furniture and Structures Plant Signage	As Shown As Shown	A1 A1 A1 A1 A1 A1 A1 A1 A1 A1 A1 A1 A1 A
A-81043 A-81044 A-81045 LANDSCAPE DETAILS A-82011 A-82012 A-82021 A-82022 A-82031 A-82041 A-82042 A-82043 A-82043 A-82045 A-82052 A-82053 LANDSCAPE PLANTIN	Climbing Area Climbing Area Climbing Area Climbing Area Natural Play + Dry Creek Bed Active Play Boardwalk Section Boardwalk Section Board	As Shown As Shown	A1 A1 A1 A1 A1 A1 A1 A1 A1 A1 A1 A1 A1 A
A-81043 A-81044 A-81045 LANDSCAPE DETAILS A-82011 A-82012 A-82021 A-82022 A-82031 A-82041 A-82042 A-82043 A-82044 A-82045 A-82045 A-82052 A-82053 LANDSCAPE PLANTIN A-83002 A-83003 A-83004	Climbing Area Climbing Area Climbing Area Climbing Area Natural Play + Dry Creek Bed Active Play Boardwalk Section Boardwalk Section Board	As Shown As Shown	A1 A1 A1 A1 A1 A1 A1 A1 A1 A1 A1 A1 A1 A

BOTANICAL NAME	COMMON NAME	COMMON NAME MATURE HIEGHT (& TREES CA\NOPY WIDT		CONTAINER SIZE	DENSITY	QTY
IREES (IOIAL = SIAGE	: 1 + STAGE 2)					
Banksia integrifolia	Coast Banksia / Coastal Honeysuckle	20-25m 6	6-8m	200L	As shown	4
Eucalyptus citriodora	Lemon-Scented Gum	45m 1	10-12m	200L	As shown	4
Eucalyptus saligna	Sydney Blue Gum	45m 1	10-12m	200L	As shown	1
Eucalyptus piperita	Sydney Peppermint	20-40m 1	10-12m	200L	As shown	2
Flindersia australis	Native Teak / Crow's Ash	20-40m 1	10-12m	200L	As shown	6
Magnolia grandiflora	Bull Bay Magnolia	20m 1	15m	400L	As shown	1
Pistacia chinensis	Pistacio	10-13m 6	6-8m	200L	As shown	9
Ulmus parvifolia	Chinese Elm	8-10m 1	10-12m	200L	As shown	7
Melaleuca linariifolia	Snow in Summer / Narrow-leaved paperback	7-8m 6	δm	200L	As shown	4
STAGE 1 PLANTING:						
SHRUBS/GROUNDCOVERS						
Doryanthes excelsa	Gymea lily	2m		300mm	As shown	3
Westringia fruticosa "Grey Box"	Grey Box	800mm		200mm	As shown	16
Dicksonia antarctica	Soft Tree Fern	2m Tall		2M tall	As Shown	1
Philodedron 'Imperial Green"	Philodendron Congo			300mm	As Shown	11
Phillodendrum Rojo congo	Rojo Congo			400mm	As Shown	21
Philodendron 'Xanadu'	Dwarf Philodendron			300mm	As Shown	29
Syzygium wilsonii				300mm	As Shown	12
Correa Alba	White Correa	1-1.5m high		300mm	As Shown	21
Banksia spinulosa "Birthday Candles"	Dwarf Banksia	450mm high		300mm	As shown	72
Pennisetum 'Nafray'	Foxtail Grass	600mm		150mm	As shown	164
Blechnum gibbum	Silver Lady			300mm	4 per m2	14
Dichondra repens	Kidney weed			140mm	9 per m2	308
Asplenium nidus	Birds's-Nest Fern			300mm	4 per m2	14
Viola hederacea	Native Violet			140mm	9 per m2	122
Liriope muscari 'Isabella'	Liriope			140mm	6 per m2	80
Leucopogon Lanceolatus	Lance leaved beard heath	400mm high		140mm	4 per m2	48
Hardenbergia violacea 'Happy Wanderer"	Happy Wanderer	ŭ		150mm	4 per m2	58
Scaevola calendulacea	Dune fan-flower	400mm high		150mm	4 per m2	121
Pratia Pedunculata	White star creeper	100mm high		150mm	6 per m2	194
Neomarica gracilis	Walking Iris	600mm		200mm	9per m2	32
Peperomia obtusifolia spec	Rubber plant	200mm		200mm	6 per m2	32
NATIVE GRASSES						
Lomandra 'Little Con'	Mat Rush	300mm		150mm	8 per m2	100
Lomandra longifolia 'Tanika'	Basket Grass	600mm		150mm	6 per m2	170
Lomandra katrinus	Mat Rush	700mm		150mm	6 per m2	49
Gazania 'Kiss Orange Flame'	Kiss Orange Flame	300mm		150mm	8 per m2	30
Myoporum parvifolium 'Yareena'	Creeping Boobialla	100mm		150mm	6 per m2	336
						<u> </u>
SENSORY GARDEN						
Actinotis helianthi	Flannel flower	0.3		150mm	8 per m2	22
	English Lavender	1m		5L	4 per m2	5
Lavandula angustifolia				150000	1 par m2	5
Lavandula angustifolia Stachys byzantina	Lamb's Ear	0.8			4 per mz	5

STAGE 2 PLANTING:
BOTANICAL NAME
HRUBS
splenium nidus
anksia spinulosa "Birthday Candles"
lechnum gibbum
orrea Alba
icksonia antarctica
oryanthes excelsa
lelalueca 'Claret Tops'
hilodedron 'Rojo congo'"
hilodendron 'Xanadu'
yzigium wilsonii
/estringia fruticosa 'Zena'
ATIVE GRASSES & GROUNDCOVERS
ichondra repens
azania 'Kiss Orange Flame'
ardenbergia violacea 'Happy Wanderer"
olepsis nodosa
iriope muscari 'Isabella'
omandra 'Little Con'
omandra katrinus
omandra longifolia 'Tanika'
lyoporum parvifolium "Yareena'
ennisetum 'Nafray'
ratia Pedunculata
caevola calendulacea
iola hederacea
ENSORY GARDEN
ctinotis helianthi
avandula angustifolia
tachys byzantina
ulbarghia violacea
osmarinus officinalis
DIGENOUS EDIBLE / MEDICINAL PLANTS
ackhousia citriodora
ucalyptus pulperulanta
eucopogon lanceaolatus
itrus australasica
yzigium australe
xocarpus cupressiformus
ersoonia Levis
vistopa Australia

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Schedule of Works

N/A

A-84000

DARLINGTON PUBLIC SCHOOL

LANDSCAPE DETAIL DESIGN

	COMMON NAME	CONTAINER SIZE	DENSITY	ΟΤΥ
			DENGIN	<u> </u>
	Birds's-Nest Fern	300mm	As shown	90
	Dwarf Banksia	300mm	4	120
	Silver Lady	300mm	3	125
	White Correa	300mm	As shown	58
	Soft Tree Fern	2M tall	As shown	10
	Gymea lily	300mm	As shown	27
	Dwarf melaleuca	200mm	As shown	56
	Philodendron	300mm	As shown	62
	Dwarf Philodendron	300mm	As shown	86
	Lilly Pilly	300mm	As shown	28
	Westringia Zena	200mm	4	113
	Kidnev weed	140mm	12	192
	Kiss Orange Flame	150mm	6	126
	Happy Wanderer	150mm	3	200
	Club Rush	140mm	6	40
	Liriope	140mm	6	366
	MatRush	150mm	6	200
	Mat Rush	150mm	4	280
	Basket Grass	200mm	6	242
	Creeping Boobialla	150mm	6	156
	Foxtail Grass	150mm	4	215
	White star creeper	150mm	6	110
	Dune fan-flower	150mm	4	72
	Native Violet	140mm	12	204
		•		
	Flannel flower	150mm	3	18
	English Lavender	5L	4	54
	Lamb's Ear	150mm	4	22
	Society garlic	200mm	4	32
	Rosemary	200mm		27
S TR				
	Lemon Myrtle	2001		5
	Silver leaved mountain gum	300mm		3
	L ance beard heath	300mm		5
	Finger Lime	2001		5
	Brush cherry	2001		12
	Cherry Ballart	2001		3
	Broad leafed geebung	300mm		4
	Cabhaga tree naim	2001		3



PAVEMENT FI	NISHES:
PAV1	Concrete paving
PAV1A/B/C	Colour concrete paving - Dolomite/ Arctic/ Silve
PAV2	Stone paver - Granite
PAV3a/b/c	Rubber Softfall -EDPM
PAV4A	Connecting Pathways-Timber Sleepers (in grou
PAV4B	Connecting Pathways-Stumps in ground
PAV4D	Connecting Pathways-Balancing steepers
PAV4E	Connecting Pathways-Recycled timber logs
PAV4F	Connecting Pathways-Stepping Stones
PAV4G	Stamped Concrete
PAV5	Brick Pavement
PAV6A/B	Preschool - Colour Concrete Topping
PAV7A/B/C	Preschool - Stone Paving - Australian Bluestor
cobbles/Stone p	pavers/ Crazy Paving
AST	Astroturf
TD2	Timber Composite Deck Type 2
LN1	Line marking
WALLS AND P	In-situ Concrete Bleacher Walls 450mm Wide
W1a	In-situ Concrete seat with composite timber tor
W1b	In-situ Concrete wall/Seat 450mm wide
W1c	In-situ Concrete wall/Seat with Cistern Access
W2	In-situ Concrete Bleacher Walls 900mm wide
W3	Entry Walls 600mm
W4	Sandstone Wall
W5	Entry Wall
W6	Landscape Brick Wall
W7	Insitu Concrete Wall/Seat 300mm wide
R1	Access Ramp & Seatwall Garden
R2	Access Ramp to preschool
EDG1	Composite Timber Edge
EDG2	Concrete Edge
EDG3	Sandstone cobbles
EDG4	Feature steel inlay to COLA
FN02	Preschool Fence
ELEMENIS AN	ID FURNITURE:
BIN1	External Litter Bin
BNCH1	Bench Seat
	Flagpole
	External Handrall - Double
	External Handrall - Single
	Paised Vergie Carden
S1	Stair Type 1 - Concrete Stairs
ΤΔΡ	Water Tan
BTS	Indigenous Planting Signage
510	(Refer to planting plans for location)
	(· · · · · · · · · · · · · · · · · · ·
PLANTING PR	OFILES:
MPB1	Garden profile on grade - 300MM
MPB2	Garden profile on structure
MPB3	Garden profile on grade - 500MM
MPB4	Garden profile on grade - above 500MM
MUL1	Mulch
MUL2	Rock mulch

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General notes

- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
- All levels relative to 'Australian Height Datum'.
- Do not scale drawings. Use figured dimensions only.

Legend

Silver Colour

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> For Construction Certificate Issue
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Darlington Public School Golden Grove Street

Darlington NSW 2008

Landscape Plans	Scale
Cover Sheet and Finishes Schedule	No Scale @ A1

Project Code First Issued 15/6/2020 DTPS _____ Sheet No. Rev A-80000 Κ

For Construction



REFER TO A-81000 LANDSCAPE DRAWING SERIES

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General notes

- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
- All levels relative to 'Australian Height Datum'. Do not scale drawings.
- Use figured dimensions only.

Legend FOOTING PLACEMENT L___J SITE BOUNDARY EXTENT OF WORKS ----- 200- -Contours EX RL Existing Relative Level FFL Finished Floor Level (internal) RL Relative Level SSL Structural Slab Level TREE ID# Existing tree to be retained (Stage 2) (Stage 2) TREE ID# Existing treeto be 1 8 1 removed (Stage 2) () Structural Root Zone ()Tree Protection Zone Proposed tree in Garden Bed Garden Bed - MPB Timber Decking - TD1/2 Rubber Softfall - PAV3 Astroturf - AST *For Detail Profiles Refer to 82000 Series Water Tap Hydrant Water Pump *Note: Sculptures to Artwork Committe consultation. To be installed at a later date. Surface inlet Pit \square Juction Pit Grated Drain PAVEMENT FINISHES: PAV1 Concrete Concrete paving PAV1A/B/C Colour concrete paving - Dolomite/ Arctic/ Silver Colour PAV2 PAV3a/b/c Stone paver - Granite Rubber Softfall -EDPM PAV4A PAV4B Connecting Pathways-Timber Sleepers (in ground) Connecting Pathways-Stumps in ground PAV4D PAV4E Connecting Pathways-Balancing steepers Connecting Pathways-Recycled timber logs PAV4F PAV4G Connecting Pathways-Stepping Stones Stamped Concrete PAV5 Brick Pavement PAV6A/B Preschool - Colour Concrete Topping PAV7A/B/C Preschool - Stone Paving - Australian Bluestone Stone vers/ Crazy Paving cobbles/Sto AST Astroturf TD2 Timber Composite Deck Type 2 LN1 Line marking WALLS AND FENCING: In-situ Concrete Bleacher Walls 450mm Wide In-situ Concrete seat with composite timber top W1a In-situ Concrete wall/Seat 450mm wide W1b W1c In-situ Concrete wall/Seat with Cistern Access Hatch W2 In-situ Concrete Bleacher Walls 900mm wide Entry Walls 600mm W3 W4 Sandstone Wall Entry Wall W5 Landscape Brick Wall W6 Insitu Concrete Wall/Seat 300mm wide Access Ramp & Seatwall Garden Access Ramp to preschool R2 EDG1 Composite Timber Edge EDG2 Concrete Edge EDG3 Sandstone cobbles EDG4 FN02 Feature steel inlay to COLA Preschool Fence ELEMENTS AND FURNITURE: BIN1 BNCH1 FP External Litter Bin Bench Seat Flagpole HRX1 External Handrail - Double HRX2 External Handrail - Single FR Feature Rock and Boulders RVG Raised Veggie Garden Stair Type 1 - Concrete Stairs S1 TAP Water Tap BTS Indigenous Planting Signage (Refer to planting plans for location)
 PLANTING PROFILES:

 MPB1
 Garden profile on grade - 300MM
 MPB1 MPB2 Garden profile on structure MPB3 MPB4 MUL1 Garden profile on grade - 500MM Garden profile on grade - above 500MM Mulch MUL2 Rock mulch I 15/2/2023 For Constructio
 H
 10/1/2023
 For Construction

 G
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 For Construction

 G
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 For Construction

 F
 31/8/2021
 For Construction

 E
 20/8/2021
 For Construction

 D
 5/7/2021
 For Construction

 C
 2/7/2021
 For Construction
 MZ B 22/6/2021 IFC for Sign-off Issue JRS A 31/5/2021 Final SINSW Review MZ by ch rev date name **Darlington Public School** Golden Grove Street Darlington NSW 2008 Stage 2 Scale Ground Floor - G.A and Finishes -1:100 @ A1 ZONE 2 Project Code First Issued DTPS 15/6/2020

Rev

Sheet No.

A-80012



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REFER TO A-81000 LANDSCAPE DRAWING SERIES





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- All levels relative to 'Australian Height Datum'.
- Do not scale drawings.Use figured dimensions only.

Legend FOOTING PLACEMENT L___J SITE BOUNDARY EXTENT OF WORKS ----- 200- -Contours EX RL Existing Relative Level FFL Finished Floor Level (internal) RL Relative Level SSL Structural Slab Level TREE ID# Existing tree to be retained (Stage 2) Existing treeto be removed (Stage 2) Structural Root Zone () Tree Protection Zone Proposed tree in Garden Bed Garden Bed - MPB Timber Decking - TD1/2 Rubber Softfall - PAV3 Astroturf - AST *For Detail Profiles Refer to 82000 Series Water Tap Hydrant Water Pump *Note: Sculptures to Artwork Committe consultation. To be installed at a later date. Surface inlet Pit \square Juction Pit Grated Drain PAVEMENT FINISHES: PAV1 Concrete paving Colour concrete paving - Dolomite/ Arctic/ Silver Colour PAV1A/B/C PAV2 PAV3a/b/c Stone paver - Granite Rubber Softfall -EDPM PAV4A PAV4B Connecting Pathways-Timber Sleepers (in ground) Connecting Pathways-Stumps in ground PAV4D PAV4E Connecting Pathways-Balancing steepers Connecting Pathways-Recycled timber logs PAV4F Connecting Pathways-Stepping Stones PAV4G Stamped Concrete PAV5 Brick Pavement PAV6A/B Preschool - Colour Concrete Topping PAV7A/B/C Preschool - Stone Paving - Australian Bluestone Stone s/ Crazy Paving AST Astroturf TD2 Timber Composite Deck Type 2 LN1 Line marking WALLS AND FENCING: In-situ Concrete Bleacher Walls 450mm Wide In-situ Concrete seat with composite timber top W1a W1b In-situ Concrete wall/Seat 450mm wide W1c In-situ Concrete wall/Seat with Cistern Access Hatch In-situ Concrete Bleacher Walls 900mm wide W2 Entry Walls 600mm W3 Sandstone Wall Entry Wall Landscape Brick Wall Insitu Concrete Wall/Seat 300mm wide Access Ramp & Seatwall Garden Access Ramp to preschool R2 EDG1 Composite Timber Edge EDG2 Concrete Edge EDG3 Sandstone cobbles EDG4 FN02 Feature steel inlay to COLA Preschool Fence ELEMENTS AND FURNITURE: BIN1 External Litter Bin BNCH1 Bench Seat FP Flagpole HRX1 External Handrail - Double HRX2 External Handrail - Single FR Feature Rock and Boulders RVG Raised Veggie Garden Stair Type 1 - Concrete Stairs TAP Water Tap Indigenous Planting Signage (Refer to planting plans for location) BTS PLANTING PROFILES: MPB1 Garden profile on grade - 300MM MPB2 Garden profile on structure Garden profile on grade - 500MM MPB3 MPB4 MUL1 Garden profile on grade - above 500MM Mulch MUL2 Rock mulch I 10/1/2023 For Construction
 H
 31/10/2022
 For Construction

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 C
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 For Construction
 JCB AQL PB1 _____ B 22/6/2021 IFC for Sign-off Issue JRS A 31/5/2021 Final SINSW Review MZ by chk rev date name Darlington Public School Golden Grove Street Darlington NSW 2008 Stage 2 Scale Ground Floor - G.A and Finishes -1:100 @ A1 ZONE 3 Project Code First Issued DTPS 15/6/2020

Sheet No. A-80013



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Stage 2 Ground Floor - G.A and Finishes - ZONE 4	Scale 1:100 @ A1
Project Code DTPS	First Issued 15/6/2020
Sheet No. A-80014	Rev

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NOTE: MANUFACT

MANUFACTURER'S FALL ZONE: CONTRACTOR TO PROVIDE IN-SITU TESTING AND CERTIFICATION OF FALL ZONES, EQUIPMENT INSTALLATION AND SOFTFALL

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General notes

 All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.

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- All levels relative to 'Australian Height Datum'.
- Do not scale drawings.Use figured dimensions only.

ege	nd_ 1							
	i		FOOTING	PLACE	MENT			
_			SITE BOU	INDARY OF WOR	KS			
— 2 0	0		Contours					
EX FF	(RL L		Existing Finished	Relativ I Floor I	e Level Level (in	ternal)		
RL			Relative	Level		,		
33		= ID#	Existing		Level	ned		
V)		(Stage 2	2)	bereta	neu		
-7		E ID#	Existing	treeto l	be			
	1		removed	I (Stage	e 2)			
())	:	Structura	al Root	Zone			
$\left(\right)$)	-	Tree Pro	tection	Zone			
	\sum		Propose	d tree i	n			
and the second	are.		Garden	Bed				
			Garden	Bed - N	ИРВ			
			Timber I	Decking	g - TD1/2	2		
			Rubber	Softfall	- PAV3			
			Astrotur	f - AST				
*Fo	r Detail P	Profiles	Refer to 82	2000 Seri	ies			
	- V - F	/vater Hydrai	iap nt					
	V	Nater	Pump					
*No	ote: Sculp To be	tures to installe	Artwork C	committe er date.	consultati	on.		
			Surface	inlet Pi	t			
			Juction	Pit				
			Grated	Drain				
AVEM	ENT FINI	ISHES:	Clated					
AV1 AV1A/	B/C	Concre Colour	ete paving concrete p	oaving - D	Dolomite/ A	Arctic/ Silv	ver Colour	
av2 AV3a/	b/c	Stone Rubbe	paver - Gra r Softfall -E	anite EDPM		<i>c</i>		
av4a av4b		Conne Conne	cting Path cting Path	<i>w</i> ays-Tim ways-Stu	ber Sleep	ers (in gr ound	ound)	
AV4D AV4E		Conne Conne	cting Path cting Path	<i>w</i> ays-Bal ways-Reo	ancing ste cycled tim	epers ber logs		
AV4F AV4G		Conne Stamp	cting Path ed Concre	<i>w</i> ays-Ste te	pping Sto	nes		
AV5 AV6A/	/B	Brick F Presch	Pavement 100l - Color	ur Concre	ete Toppin	g		
AV7A/	/B/C /Stone pa	Presch avers/ (nool - Ston Crazy Pavi	e Paving ng	- Australia	an Bluesto	one Stone	
D2		Timber	rf Composit	e Deck T	ype 2			
			arking					
/1 /1a		In-situ In-situ	Concrete I	3leacher seat with	Walls 450 composite	mm Wide timber to	e ac	
/1b /1c		In-situ In-situ	Concrete Concrete	wall/Seat wall/Seat	450mm v with Ciste	/ide ern Acces	s Hatch	
12 13		In-situ Entry V	Concrete I Valls 600m	3leacher 1m	Walls 900	mm wide		
14 15		Sandst Entry V	tone Wall Vall					
16 17		Landso Insitu (cape Brick Concrete V	Wall Vall/Seat	300mm w	ide		
1 2		Access	Ramp & Ramp to	Seatwall preschoo	Garden			
DG1 DG2		Compo	ete Edge	r Eage				
DG3 DG4		Featur	e steel inla	y to COL	A			
	NTS AND	D FUR						
IN1 NCH1		Extern	al Litter Bir Seat	ı				
P RX1		Flagpo Extern	le al Handrai	l - Double	9			
RX2 R		Extern Featur	al Handrai e Rock an	- Single d Boulde	rs			
VG 1		Raised Stair T	l Veggie G ype 1 - Co	arden ncrete St	airs			
AP TS		Water Indiger	Tap 1ous Plant	ing Signa	ige			
		(Refer	το planting	plans fo	r location)			
PB1	ING PRO	Garder	n profile or	grade -	300MM			
PB3		Garder	r profile or profile on	grade -	500MM	1000		
UL1		Mulch	י אווטוק י	graue -	นมบงษ วิปไ	n v IIVI		
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02	19/8/202	20 Te	nder Adden	dum			CD	
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7/8/2020

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Project Code

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Sheet No.



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NOTE:

MANUFACTURER'S FALL ZONE: CONTRACTOR TO PROVIDE IN-SITU TESTING AND CERTIFICATION OF FALL ZONES, EQUIPMENT INSTALLATION AND SOFTFALL

ENSURE SMOOTH TRANSITION					
			3		
- SOFTFALL MOUNDING	Г	PAV3	A-82022		
	RL REFER PLAN	Γ		RL REFER PLAN	
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 All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.

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- All levels relative to 'Australian Height Datum'.
- Do not scale drawings. – Use figured dimensions only.

Lege	nd_				
L					
-		EXTENT OF WORKS			
- 26	90	Contours			
E) FF	K RL FL	Existing Relative Level Finished Floor Level (internal)	1		
RI	L SL	Relative Level Structural Slab Level			
		# Existing tree to be retained			
K)	(Stage 2)			
14		Existing treeto be removed (Stage 2)			
·	-' }	Structural Root Zone			
		Tree Protection Zone			
-	, ,				
and the second s	- and	Garden Bed			
		Garden Bed - MPB			
		Timber Decking - TD1/2			
		Rubber Softfall - PAV3			
		Astroturf - AST			
*Fo	Dr Detail Prof	tes Refer to 82000 Series			
		ter iaμ Jrant ter Pump			
*N	ote: Sculptur	es to Artwork Committe consultation.			
	To be in	stalled at a later date.			
		Surface inlet Pit			
	\square	Juction Pit			
PAVEN		Grated Drain ES:			
PAV1 PAV1A	Со / В/С Со	ncrete paving our concrete paving - Dolomite/ Arctic/ Si	lver Colour		
PAV2 PAV3a	/b/c Ru	one paver - Granite bber Softfall -EDPM			
PAV4A PAV4B	Co Co	nnecting Pathways-Timber Sleepers (in g nnecting Pathways-Stumps in ground	round)		
PAV4D PAV4E	Co Co	nnecting Pathways-Balancing steepers nnecting Pathways-Recycled timber logs			
PAV4F PAV4G	i Sta	nnecting Pathways-Stepping Stones amped Concrete			
PAV5 PAV6A PAV7A	/B Pr	ex Pavement eschool - Colour Concrete Topping eschool - Stope Paving - Australian Blues	tone Stone		
cobble:	s/Stone pave	rs/ Crazy Paving			
TD2 LN1	Tir Lir	nber Composite Deck Type 2 e marking			
WALL	S AND FENC	ING:	1-		
W1a W1a	In- In-	situ Concrete Bleacher Walls 450mm wide situ Concrete seat with composite timber situ Concrete wall/Seat 450mm wide	top		
W1c W2	In-	situ Concrete wall/Seat 430mm wide situ Concrete wall/Seat with Cistern Acce	ss Hatch e		
W3 W4	En	try Walls 600mm ndstone Wall	-		
W5 W6	En La	try Wall ndscape Brick Wall			
W7 R1	Ins Ac	itu Concrete Wall/Seat 300mm wide cess Ramp & Seatwall Garden			
R2 EDG1	Ac Cc	cess Ramp to preschool mposite Timber Edge			
EDG2 EDG3 EDG4	Sa	ndstone cobbles ature steel inlay to COLA			
FN02	Pre	school Fence			
ELEME BIN1	ENTS AND F	URNITURE: ternal Litter Bin			
BNCH FP	1 Be Fla	nch Seat gpole			
HRX1 HRX2	Ex Ex	ternal Handrail - Double ternal Handrail - Single			
RVG S1	Ra	ised Veggie Garden			
TAP BTS	Wa	iter Tap igenous Planting Signage			
	(R	efer to planting plans for location)			
PLAN MPB1	Ga	. <u>ES:</u> rden profile on grade - 300MM			
MPB2 MPB3 MPB4	Ga	rden profile on structure rden profile on grade - 500MM			
MUL1	Mu	Ich			
E D	10/8/2022 31/8/2021	For Construction For Construction	AQL		
<u></u> В	20/8/2021 22/6/2021	For Construction IFC for Sign-off Issue	JRS		
A	31/5/2021	Final SINSW Review	MZ		
03	1/4/2021	SINSW Preliminary Review 95%	JRS		
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Darlington Public School					
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Project Code DTPS Sheet No. A-81022

First Issued

7/8/2020







2 SECTION EMBANKMENT SLIDE (REFER TO SUPPLIER SPECIFICATION) 1:20

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2.0m

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- Do not scale drawings. Use figured dimensions only.

Legend	FOOTING PLACEMENT
LJ	
	EXTENT OF WORKS
— 20 0— —	Contours
EX RL	Existing Relative Level
FFL	Finished Floor Level (internal)
SSL	Structural Slab Level
	ID# Existing tree to be retained
E	(Stage 2)
I T IREI	Existing treeto be
()	
(Tree Protection Zone
o o o o o o o o o o o o o o o o o o o	Proposed tree in Garden Bed
	Garden Bed - MPB
	Timber Decking - TD1/2
	Rubber Softfall - PAV3
	Astroturf - AST
*For Detail P	rofiles Refer to 82000 Series
	Vater Tap
	Nater Pump
*Note: Sculp	tures to Artwork Committe consultation.
	Surface inlet Pit
	Juction Pit
	Grated Drain
PAVEMENT FIN	ISHES: Concrete paving
PAV1A/B/C PAV2	Colour concrete paving - Dolomite/ Arctic/ Silver Colour Stone paver - Granite
PAV3a/b/c PAV4A	Rubber Softfall -EDPM Connecting Pathways-Timber Sleepers (in ground)
PAV4B	Connecting Pathways Stumps in ground
PAV4D PAV4E	Connecting Pathways-Recycled timber logs
PAV4F PAV4G	Connecting Pathways-Stepping Stones Stamped Concrete
PAV5 PAV6A/B	Brick Pavement Preschool - Colour Concrete Topping
PAV7A/B/C	Preschool - Stone Paving - Australian Bluestone Stone
AST	Astroturf
LN1	Line marking
WALLS AND FE	NCING:
W1 W1a	In-situ Concrete Bleacher Walls 450mm Wide In-situ Concrete seat with composite timber top
W1b W1c	In-situ Concrete wall/Seat 450mm wide In-situ Concrete wall/Seat with Cistern Access Hatch
W2 W3	In-situ Concrete Bleacher Walls 900mm wide
W4	Sandstone Wall
W5 W6	Entry Wall Landscape Brick Wall
W7 R1	Insitu Concrete Wall/Seat 300mm wide Access Ramp & Seatwall Garden
R2 FDG1	Access Ramp to preschool
EDG2	Concrete Edge
EDG3 EDG4	Sandstone cobbles Feature steel inlay to COLA
FN02	Preschool Fence
ELEMENTS ANI BIN1	D FURNITURE: External Litter Bin
BNCH1 FP	Bench Seat Flagpole
HRX1	External Handrail - Double
FR	Feature Rock and Boulders
RVG S1	Raised Veggie Garden Stair Type 1 - Concrete Stairs
TAP BTS	Water Tap Indigenous Planting Signage
	(Refer to planting plans for location)
PLANTING PRO	FILES: Garden profile on grade - 300MM
MPB2 MPB3	Garden profile on structure Garden profile on grade - 500MM
MPB4	Garden profile on grade - above 500MM
WUL1	INUICI

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	В	20/8/2021	For Construction	MZ	
	С	31/8/2021	For Construction	JRS	
	D	10/8/2022	For Construction	AQL	

Darlington Public School Golden Grove Street Darlington NSW 2008

Stage 2	Scale
Climbing Area	1:50 @ A1
Project Code	First Issued
DTPS	22/6/2021

First Issued
22/6/2021
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Sheet No. A-81023

Rev D

1200 3'11.2" 400 15.7″

For Construction







2 SECTION SCRAMBLE NET 1:20 (REFER TO EMBANKMENT SLIDE SUPPLIER SPECIFICATION)



- RECYCLED TIMBER LOGS EPDM - RUBBER SOFTFALL VARIES - REFER PLAYGROUND EQUIPMENT SUPPLIER THICKNESS DETERMINED BY CRITICAL FALL HEIGHT - RUBBER BOUNDED LAYER - IMPACT ABSORPTION LAYER

COMPACTED SUBGRADE TO ENGINEER'S SPECIFICATION GEOTEXTILE OVER CAPPING LAYER REFER TO CIVIL DRAWINGS - FOOTING TO ENGINEERS DETAIL

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General notes

 All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.

2.0m

- All levels relative to 'Australian Height Datum'.
- Do not scale drawings. Use figured dimensions only.

Legend	FOOTING PLACEMENT
LJ	
	EXTENT OF WORKS
— 200- —	Contours
EX RL	Existing Relative Level
FFL RL	Finished Floor Level (internal) Relative Level
SSL	Structural Slab Level
TREE ID#	[#] Existing tree to be retained
Ľ	(Stage 2)
TREE ID	[#] Existing treeto be
	removed (Stage 2)
()	Structural Root Zone
$\langle \cdot \rangle$	Tree Protection Zone
	-
	Proposed tree in Garden Bed
"The second and	
	Garden Bed - MPB
	Timber Decking - TD1/2
	Rubber Softfall - PAV3
	Astroturf - AST
*For Detail Profile	es Refer to 82000 Series
O Wat	er Tap
 Hyd Wat 	rant er Pump
*Note: Sculptures	s to Artwork Committe consultation.
To be inst	alled at a later date.
	Surface inlet Pit
	Juction Pit
	Grated Drain
PAVEMENT FINISHE	<u>S:</u>
PAV1 Con PAV1A/B/C Cold	crete paving our concrete paving - Dolomite/ Arctic/ Silver Colour
PAV2 Stor PAV3a/b/c Rub	ne paver - Granite ber Softfall -EDPM
PAV4A Con PAV4B Con	necting Pathways-Timber Sleepers (in ground) necting Pathways-Stumps in ground
PAV4D Con	necting Pathways-Balancing steepers
PAV4F Con	necting Pathways-Stepping Stones
PAV4G Star PAV5 Bric	k Pavement
PAV6A/B Pres PAV7A/B/C Pre	school - Colour Concrete Topping school - Stone Paving - Australian Bluestone Stone
cobbles/Stone pavers	s/ Crazy Paving oturf
TD2 Tim	ber Composite Deck Type 2 marking
	NG
W1 In-s	itu Concrete Bleacher Walls 450mm Wide
W1b In-s	itu Concrete vall/Seat 450mm wide
W1c In-s W2 In-s	itu Concrete wall/Seat with Cistern Access Hatch
W3 Entr W4 San	y Walls 600mm dstone Wall
W5 Entr W6 Lan	y Wall dscape Brick Wall
W7 Insit	u Concrete Wall/Seat 300mm wide
R2 Acc	ess Ramp to preschool
EDG1 Con	crete Edge
EDG3 San EDG4 Fea	dstone cobbles ture steel inlay to COLA
FN02 Pres	school Fence
ELEMENTS AND FU BIN1 Exte	<u>RNITURE:</u> ernal Litter Bin
ELEMENTS AND FU BIN1 Exte BNCH1 Ben FP Flac	<u>RNITURE:</u> rrnal Litter Bin ch Seat _I pole
ELEMENTS AND FU BIN1 Exte BNCH1 Ben FP Flag HRX1 Exte HRX2 Exte	<u>RNITURE:</u> rrnal Litter Bin ch Seat Ipole rrnal Handrail - Double rrnal Handrail - Single
ELEMENTS AND FU BIN1 Exte BNCH1 Ben FP Flag HRX1 Exte HRX2 Exte FR Fea RVG Point	RNITURE: prnal Litter Bin ch Seat pole ernal Handrail - Double ernal Handrail - Single ture Rock and Boulders sed Veogie Garden
ELEMENTS AND FU BIN1 Exte BNCH1 Ben FP Flag HRX1 Exte HRX2 Exte FR Fee RVG Rais S1 Sta	RNITURE: srnal Litter Bin ch Seat spole srnal Handrail - Double srnal Handrail - Single ture Rock and Boulders sed Veggie Garden r Type 1 - Concrete Stairs se Tan
ELEMENTS AND FUBIN1ExteBNCH1BenFPFlagHRX1ExteHRX2ExteFRFeaRVGRaisS1StaiTAPWatBTSIndia	RNITURE: rmal Litter Bin ch Seat ipole rmal Handrail - Double rmal Handrail - Single ture Rock and Boulders sed Veggie Garden r Type 1 - Concrete Stairs er Tap genous Planting Signage
ELEMENTS AND FU BIN1 Exte BNCH1 Ben FP Flag HRX1 Exte HRX2 Exte FR Fea RVG Raie S1 Stai TAP Wat BTS India (Rei	RNITURE: rmal Litter Bin ch Seat ipole ernal Handrail - Double ernal Handrail - Single iture Rock and Boulders sed Veggie Garden r Type 1 - Concrete Stairs er Tap genous Planting Signage fer to planting plans for location)
ELEMENTS AND FU BIN1 Exte BNCH1 Ben FP Flag HRX1 Exte HRX2 Exte FR Fea RVG Rais S1 Stai TAP Wat BTS Indig (Rei PLANTING PROFILI MPB1 Gar	RNITURE: prnal Litter Bin ch Seat pole prnal Handrail - Double prnal Handrail - Single trure Rock and Boulders sed Veggie Garden r Type 1 - Concrete Stairs er Tap genous Planting Signage fer to planting plans for location) ES: den profile on grade - 300MM
ELEMENTS AND FU BIN1 Exte BNCH1 Ben FP Flag HRX1 Exte HRX2 Exte FR Fee RVG Rais S1 Stai TAP Wat BTS India (Rei PLANTING PROFILI MPB1 Gar MPB2 Gar MPB3 Gar	RNITURE: rmal Litter Bin ch Seat ipole rmal Handrail - Double rmal Handrail - Single ture Rock and Boulders sed Veggie Garden r Type 1 - Concrete Stairs er Tap genous Planting Signage fer to planting plans for location) ES: den profile on grade - 300MM den profile on structure den profile on grade - 500MM
ELEMENTS AND FU BIN1 Exte BNCH1 Ben FP Flag HRX1 Exte HRX2 Exte FR Fea RVG Rais S1 Stai TAP Wat BTS Indii (Rei PLANTING PROFILI MPB1 Gar MPB2 Gar MPB3 Gam MPB3 Gam	RNITURE: rmal Litter Bin ch Seat ipole ernal Handrail - Double ernal Handrail - Single iture Rock and Boulders sed Veggie Garden r Type 1 - Concrete Stairs er Tap genous Planting Signage fer to planting plans for location) ES: den profile on grade - 300MM den profile on structure den profile on grade - 500MM den profile on grade - above 500MM ch

_	D	10/8/2022	For Construction	AQL	
	С	31/8/2021	For Construction	JRS	
	В	20/8/2021	For Construction	MZ	
	А	22/6/2021	IFC for Sign-off Issue	JRS	
-	rev	date	name	by	ch k

Darlington Public School Golden Grove Street

Darlington NSW 2008 Stage 2

Climbing Area

Project Code

Scale 1:50 @ A1

First Issued 22/6/2021

Sheet No. A-81024

DTPS

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© FRANCIS-JONES MOREHEN THORP PTY LTD 2022 ABN 28 101 197 219 NOMINATED ARCHITECTS: RICHARD FRANCIS-JONES 5301 ELIZABETH CARPENTER 6141



DESIGN SUBJECT TO GEOTECHNICAL CONFIRMATION ON CONTAMINATION CAPPING REQUIREMENTS TO EXISTING LEVELS AT BASE OF TREES

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0.5 1.0 2.0m



General notes

- All dimensions and existing conditions shall be checked and verified by the contractor before Proceeding with the work.
 All levels relative to 'Australian Height Datum'.
 Do not scale drawings.
 Use figured dimensions only.

Legend T	FOOTING PLACEMENT	
200	SITE BOUNDARY EXTENT OF WORKS	
EX RL FFL RL SSL	Existing Relative Level Finished Floor Level (intern Relative Level Structural Slab Level	al)
TREE ID#	Existing tree to be retained (Stage 2)	-
TREE ID#	Existing treeto be removed (Stage 2)	
()	Structural Root Zone Tree Protection Zone	
	Proposed tree in Garden Bed	
	Garden Bed - MPB Timber Decking - TD1/2 Rubber Softfall - PAV3	-
*For Detail Profile	s Refer to 82000 Series	_
WateHydraWate	er Tap ant er Pump	_
*Note: Sculptures To be insta	to Artwork Committe consultation. alled at a later date.	_
	Surface inlet Pit	
	Grated Drain	_
PAVEMENT FINISHE PAV1 Conc PAV1A/B/C Colou PAV2 Ston PAV3a/b/c Rubt PAV4A Conr PAV4B Conr PAV4B Conr PAV4D Conr	S: rete paving ur concrete paving - Dolomite/ Arctic e paver - Granite ber Softfall -EDPM necting Pathways-Timber Sleepers (i necting Pathways-Stumps in ground necting Pathways-Balancing steepers pacting Pathways-Balancing steepers	/ Silver Colour n ground) s
PAV4E Conr PAV4F Conr PAV4G Stam PAV5 Brick	necting Pathways-Recycled timber io necting Pathways-Stepping Stones nped Concrete	igs
PAV6A/B Press PAV7A/B/C Press cobbles/Stone paverss Astrona AST Astrona TD2 Timb LN1 Line	chool - Colour Concrete Topping chool - Stone Paving - Australian Blu / Crazy Paving oturf er Composite Deck Type 2 marking	uestone Stone
WALLS AND FENCIN W1 In-sit W1a In-sit W1b In-sit W1c In-sit W2 In-sit W3 Entry W4 Sanc W5 Entry W6 Land W7 Insitu R1 Accee EDG1 Com EDG2 Conc EDG3 Sanc	IG: u Concrete Bleacher Walls 450mm V u Concrete seat with composite timb tu Concrete wall/Seat 450mm wide tu Concrete wall/Seat with Cistern Ac u Concrete Bleacher Walls 900mm v (Walls 600mm Istone Wall v Wall Iscape Brick Wall u Concrete Wall/Seat 300mm wide Iss Ramp & Seatwall Garden Iss Ramp to preschool posite Timber Edge srete Edge Istone cobbles	Nide ver top ccess Hatch vide
EDG4 Feature FN02 Press	ure steel inlay to COLA chool Fence	
ELEMENTS AND FUI BIN1 Exter BNCH1 Benc FP Flagr HRX1 Exter HRX2 Exter FR Feat RVG Raiss	RNITURE: mal Litter Bin ch Seat poole rnal Handrail - Double rnal Handrail - Single ure Rock and Boulders ed Veggie Garden	
S1StairTAPWateBTSIndig	Type 1 - Concrete Stairs er Tap enous Planting Signage	
(Refe MPB1 Gard MPB2 Gard MPB3 Gard MPB4 Gard MUL1 Mulc	er to planting plans for location) <u>S:</u> len profile on grade - 300MM len profile on structure en profile on grade - 500MM en profile on grade - above 500MM h	
H 31/10/2022 G 10/8/2022 F 31/8/2021	For Construction For Construction For Construction	JCB AQL JRS
E 20/8/2021 D 5/7/2021 C 2/7/2021	For Construction For Construction For Construction	MZ MZ MZ
B 22/6/2021	IFC for Sign-off Issue	JRS
A 31/5/2021	name	MZ
Darlington Pu Golden Grove S Darlington NSV	blic School Street N 2008	K
Stage 2 Natural Play +	Dry Creek Bed	Scale 1:50 @ A [*]
Project Code DTPS		First Issued 7/8/2020

Sheet No. A-81031





2 SECTION CLIMBING CUBE 1:20

RL32.720

RL32.280

RL 32.330

PAV1

RL32.320

RL32.290

PAV 4G x 3-----

FALL 1:21

PAV1B

FALL 1:21

FAL 1:40

RL32.175

↓ <

RL31.900

 \checkmark

(REFER TO SUPPLIER SPECIF1CATION)

NOTE: MANUFACTURER'S FALL ZONE: CONTRACTOR TO PROVIDE IN-SITU TESTING AND CERTIFICATION OF FALL ZONES, EQUIPMENT INSTALLATION AND SOFTFALL

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General notes

- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
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- Do not scale drawings. Use figured dimensions only.



7/8/2020

Rev

DTPS

Sheet No.

A-81041



architecture / interiors / urban / landscape / place Level 5, 70 King Street Sydney 2000 t +61 2 9251 7077 w fjmtstudio.com



Beton Beton Concrete Hormigón Béton Cemento Beton Betong 0,98 m³ 34,608 cu.ft.

Safety Zone Perimeter: 24 m

Area: 40,7 m²

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General notes

- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
- All levels relative to 'Australian Height Datum'.
- Do not scale drawings. Use figured dimensions only.

egend_	
j	FOOTING PLACEMENT
<u> </u>	SITE BOUNDARY
	EXTENT OF WORKS
- 200 EX PI	Contours Existing Polative Level
FFL	Finished Floor Level (internal)
RL	Relative Level
SSL	Structural Slab Level
TREEI	D# Existing tree to be retained (Stage 2)
TREE	D# Existing treeto be
()	Structural Root Zone
(Tree Protection Zone
	Proposed tree in
and a second and	Garden Bed
	Galden Bed - MFB
	Timber Decking - TD1/2
	Rubber Softfall - PAV3
	Astroturf - AST
*For Detail Pro	files Refer to 82000 Series
o Wa	ater Tap
	rdrant atar Rumo
*Note: Sculptu To be ir	res to Artwork Committe consultation. Istalled at a later date.
	Surface inlet Pit
	Juction Pit
	Grated Drain
AVEMENT FINIS	HES:
AV1 Co AV1A/B/C Co	olour concrete paving - Dolomite/ Arctic/ Silver Colour
AV2 S AV3a/b/c R	tone paver - Granite ubber Softfall -EDPM
AV4A C AV4B C	onnecting Pathways-Timber Sleepers (in ground) onnecting Pathways-Stumps in ground
AV4D C	onnecting Pathways-Balancing steepers
AV4E C AV4F C	onnecting Pathways-Recycled timber logs onnecting Pathways-Stepping Stones
AV4G Si AV5 Bi	tamped Concrete rick Pavement
AV6A/B P AV7A/B/C P	reschool - Colour Concrete Topping reschool - Stone Paving - Australian Bluestone Stone
obbles/Stone pav	ers/ Crazy Paving
D2 Ti	mber Composite Deck Type 2
N1 LI	ne marking
/ALLS AND FEN /1 In	CING: -situ Concrete Bleacher Walls 450mm Wide
/1a In /1b Ir	-situ Concrete seat with composite timber top
/1c In	-situ Concrete wall/Seat with Cistern Access Hatch
/3 E	ntry Walls 600mm
14 Si 15 E	andstone Wall ntry Wall
/6 La /7 In	andscape Brick Wall situ Concrete Wall/Seat 300mm wide
1 Α 2 Δ	ccess Ramp & Seatwall Garden
DG1 C	omposite Timber Edge
DG2 C DG3 S	andstone cobbles
DG4 Fe N02 Pi	eature steel inlay to COLA reschool Fence
LEMENTS AND	FURNITURE:
IN1 E	xternal Litter Bin ench Seat
P FI	agpole
RX1 E	xternal Handrail - Double xternal Handrail - Single
R F NG R	eature Rock and Boulders aised Veggie Garden
1 S AP 14	tair Type 1 - Concrete Stairs /ater Tap
i TS In (F	digenous Planting Signage Refer to planting plans for location)
	ILES:
IPB1 G	arden profile on grade - 300MM
IPB3 G	arden profile on grade - 500MM
и гв4 G IUL1 M	arden profile on grade - above 500MM

_	E	31/10/2022	For Construction	JCB	
	D	10/8/2022	For Construction	AQL	
	С	31/8/2021	For Construction	JRS	
	В	20/8/2021	For Construction	MZ	
	А	22/6/2021	IFC for Sign-off Issue	JRS	
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Darlington Public School Golden Grove Street

Darlington NSW 2008 **Stage 2** Active Play

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1:50	@	A1

First Issued 22/6/2021

Sheet No. A-81042

Project Code DTPS

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Rev

For Construction



Project Code First Issued 26/11/2021 Sheet No. Rev A-81043 01

DTPS







General notes

- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
- All levels relative to 'Australian Height Datum'.
- Do not scale drawings. Use figured dimensions only.

Legend_	
ii	FOOTING PLACEMENT
	SITE BOUNDARY EXTENT OF WORKS
- 200	Contours
EX RL	Existing Relative Level
RL	Relative Level
SSL	Structural Slab Level
	# Existing tree to be retained (Stage 2)
	^{2#} Existing treeto be removed (Stage 2)
()	Structural Root Zone
()	Tree Protection Zone
e e e e e e e e e e e e e e e e e e e	Proposed tree in Garden Bed
	Garden Bed - MPB
	Timber Decking - TD1/2
	Rubber Softfall - PAV3
	Astroturf - AST
*For Detail Prof	iles Refer to 82000 Series
🔵 Wa	ter Tap
Hyden war a war	drant ter Pump
*Note: Sculpture To be ins	es to Artwork Committe consultation. stalled at a later date.
	Surface inlet Pit
	Juction Pit
	Grated Drain
PAVEMENT FINISH PAV1 Co	IES: ncrete paving
PAV1A/B/C Co PAV2 Sto	lour concrete paving - Dolomite/ Arctic/ Silver Col one paver - Granite
PAV3a/b/c Ru PAV4A Co	bber Softfall -EDPM nnecting Pathways-Timber Sleepers (in ground)
PAV4B Co PAV4D Co	nnecting Pathways-Stumps in ground nnecting Pathways-Balancing steepers
PAV4E Co PAV4F Co	nnecting Pathways-Recycled timber logs nnecting Pathways-Stepping Stones
PAV4G Sta PAV5 Bri	amped Concrete ick Pavement
PAV6A/B Pre PAV7A/B/C Pr	eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Sto
cobbles/Stone pave	rs/ Crazy Paving troturf
TD2 Tin LN1 Lin	nber Composite Deck Type 2 ie marking
WALLS AND FENC	ING:
W1 In- W1a In-	situ Concrete Bleacher Walls 450mm Wide situ Concrete seat with composite timber top
W1b In- W1c In-	situ Concrete wall/Seat 450mm wide situ Concrete wall/Seat with Cistern Access Hatcl
W2 In- W3 En	situ Concrete Bleacher Walls 900mm wide try Walls 600mm
W4 Sa W5 En	ndstone Wall try Wall
W6 La W7 Ins	ndscape Brick Wall situ Concrete Wall/Seat 300mm wide
R1 Ac R2 Ac	cess Ramp & Seatwall Garden
EDG1 Co	imposite Timber Edge increte Edge
EDG3 Sa EDG4 Fe	ndstone cobbles ature steel inlay to COLA
FNUZ Pre	
BIN1 Ex	ternal Litter Bin
FP Fla	igpole tarnal Handrail - Double
HRX2 Ex	ternal Handrail - Single
RVG Ra	ised Veggie Garden
TAP Wa	air rype i - Concrete Statis ater Tap Jigopous Planting Signage
Right (Ri	efer to planting plans for location)
PLANTING PROFIL	_ES: Irden profile op grade - 300MM
MPB2 Ga	irden profile on grade - 500MM irden profile on structure
MPB4 Ga	rden profile on grade - above 500MM
	lich

	Garden Bed - MPB	
	Timber Decking - TD1/2	
	Bubber Softfall - PAV3	
	Astroturf - AST	
*For Detail	Profiles Refer to 82000 Series	
\bigcirc	Water Tap	
	Hydrant	
*Note: Scu	ptures to Artwork Committe consultation.	
	Surface inlet Pit	
	Juction Pit	
	Grated Drain	
PAVEMENT FI	NISHES:	
PAV1	Concrete paving	
PAV1A/B/C	Stone paver - Granite	
PAV3a/b/c	Rubber Softfall -EDPM	
PAV4A PAV4B	Connecting Pathways-Limber Sleepers (in ground) Connecting Pathways-Stumps in ground	
PAV4D	Connecting Pathways-Balancing steepers	
PAV4E PAV4F	Connecting Pathways-Recycled timber logs	
PAV4G	Stamped Concrete	
PAV5 PAV6A/B	Brick Pavement Preschool - Colour Concrete Topping	
PAV7A/B/C	Preschool - Stone Paving - Australian Bluestone Stone	
cobbles/Stone	Davers/ Crazy Paving	
TD2	Timber Composite Deck Type 2	
LN1	Line marking	
WALLS AND F	ENCING:	
W1 W1a	In-situ Concrete Bleacher Walls 450mm Wide In-situ Concrete seat with composite timber top	
W1b	In-situ Concrete wall/Seat 450mm wide	
W1c	In-situ Concrete wall/Seat with Cistern Access Hatch	
W2 W3	Entry Walls 600mm	
W4	Sandstone Wall	
W5 W6	Landscape Brick Wall	
W7	Insitu Concrete Wall/Seat 300mm wide	
R1 R2	Access Ramp & Seatwall Garden	
EDG1	Composite Timber Edge	
EDG2 EDG3	Concrete Edge Sandstone cobbles	
EDG4	Feature steel inlay to COLA	
FNUZ	Preschool Fence	
ELEMENTS AN BIN1	ID FURNITURE: External Litter Bin	
BNCH1	Bench Seat	
FP HRX1	Flagpole External Handrail - Double	
HRX2	External Handrail - Single	
FR	Feature Rock and Boulders	
S1	Stair Type 1 - Concrete Stairs	
TAP	Water Tap	
515	(Refer to planting plans for location)	
PLANTING PR	OFILES:	
MPB1	Garden profile on grade - 300MM	
MPB2 MPB3	Garden profile on grade - 500MM	
MPB4	Garden profile on grade - above 500MM	
MUL1	Mulch	
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Darlington Public School
Golden Grove Street
Darlington NSW 2008

Stage 2 **Boardwalk Sections**

Scale 1:50 @ A1

First Issued 26/11/2021

Sheet No. A-81044

DTPS

Project Code







General notes

 All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
All levels relative to 'Australian Height Datum'.

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- Do not scale drawings.
 Use figured dimensions only.

LJ	
	SITE BOUNDARY EXTENT OF WORKS
— 20 0— —	Contours
EX RL FFL	Existing Relative Level Finished Floor Level (internal)
RL SSL	Relative Level Structural Slab Level
TREE ID#	Existing tree to be retained (Stage 2)
	Existing treeto be removed (Stage 2)
()	Structural Root Zone
()	Tree Protection Zone
e e e e e e e e e e e e e e e e e e e	Proposed tree in Garden Bed
	Garden Bed - MPB
	Timber Decking - TD1/2
	Rubber Softfall - PAV3
	Astroturf - AST
*For Detail Profile	es Refer to 82000 Series
 Wate Hydright 	er Tap rant
O Wate	er Pump
*Note: Sculptures To be inst	s to Artwork Committe consultation. alled at a later date.
	Surface inlet Pit
	Juction Pit
	Grated Drain
PAV1 Con PAV1A/B/C Colo	crete paving ur concrete paving - Dolomite/ Arctic/ Silver Colour
PAV2 Stor PAV3a/b/c Rub	e paver - Granite ber Softfall -EDPM
PAV4A Con PAV4B Con	necting Pathways-Timber Sleepers (in ground) necting Pathways-Stumps in ground
PAV4D Con PAV4E Con	necting Pathways-Balancing steepers necting Pathways-Recycled timber logs
	necting Pathways-Stepping Stones
PAV4G Star	nped Concrete
PAV4G Star PAV5 Bric PAV6A/B Pres	Reped Concrete < Pavement school - Colour Concrete Topping
PAV4F Con PAV4G Star PAV5 Bric PAV6A/B Pres PAV7A/B/C Pre cobbles/Stone pavers	A prod Concrete < Pavement school - Colour Concrete Topping school - Stone Paving - Australian Bluestone Stone Crazy Paving</th
PAV4F Coll PAV4G Star PAV5 Bric PAV6A/B Pree PAV7A/B/C Pre cobbles/Stone pavers AST Astr TD2 Tim	A concrete A Pavement school - Colour Concrete Topping school - Stone Paving - Australian Bluestone Stone Storazy Paving oturf per Composite Deck Type 2
PAV4F CUI PAV4G Star PAV5 Bric PAV6A/B Pree PAV7A/B/C Pre cobbles/Stone pavers AST Astr TD2 Timl LN1 Line	A concrete A Pavement school - Colour Concrete Topping school - Stone Paving - Australian Bluestone Stone Storazy Paving oturf per Composite Deck Type 2 marking MG-
PAV4F CUI PAV4G Star PAV5 Bric PAV6A/B Pree PAV7A/B/C Pre cobbles/Stone pavers AST Astr TD2 Timl LN1 Line WALLS AND FENCI W1 In-si W1a In-si	Noncrete A Pavement School - Colour Concrete Topping School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone Crazy Paving Crazy Paving Crazy Paving Crazy Paving Crazy Paving School - Stone Paving - Australian Bluestone Stone Stone - Stone Paving Stone - Stone
PAV4F CUI PAV4G Star PAV5 Bric PAV6A/B Pres PAV7A/B/C Pre cobbles/Stone pavers AST Astr TD2 Timi LN1 Line WALLS AND FENCII W1 In-si W1a In-si W1a In-si W1b In-s	New York and York an
PAV4F CUII PAV4G Star PAV5 Bric PAV6A/B Pres PAV7A/B/C Pre cobbles/Stone pavers AST Astr TD2 Timi LN1 Line WALLS AND FENCII W1 In-si W1a In-si W1b In-ss W1b In-ss W1c In-s W2 In-si W3 Entr	Notice of the second s
PAV4F Con PAV4G Star PAV5 Bric PAV6A/B Pres PAV7A/B/C Pre cobbles/Stone pavers AST Astr TD2 Timi LN1 Line WALLS AND FENCI W1 In-si W1a In-si W1b I	A concrete A Pavement A concrete A Pavement A concrete B concrete A concrete C concrete C composite C composite C composite C concrete C
PAV4r Cuin PAV4G Star PAV5 Bric PAV5A/B Pres PAV6A/B Pres PAV7A/B/C Pres Cobbles/Stone pavers Astr TD2 Timil LN1 Line WALLS AND FENCII W1 W1 In-si W1a In-si W1b In-si W1c In-si W3 Entr W4 San W5 Entr W6 Lan W7 Insit	A concrete A Pavement A concrete
PAV4F Coll PAV4G Star PAV5 Bric PAV6A/B Pree PAV7A/B/C Pre- cobbles/Stone pavers AST Astr TD2 Timi LN1 Line WALLS AND FENCII W1 In-si W1a In-si W1a In-si W1b In-s W1c In-si W1c In-si W2 In-si W3 Entr W4 San W5 Entr W6 Lan- W7 Insiit R1 Accc R2 Accc	Notice Status A Pavement School - Colour Concrete Topping School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone VG: The Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone VG: The Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone VG: The Australian Bluestone Stone School - Stone Paving - Australian Bluestone VG: The Australian Bluestone Stone School - Stone VG: The Concrete Bleacher Walls 900mm wide Scape Brick Wall VG: VG: Scape Brick Wall Scape Brick Wall VG: The Concrete Wall/Seat 300mm wide Scape Brick Wall Scape Brick Wall <td< th=""></td<>
PAV4F CUI PAV4G Star PAV5 Bric PAV6A/B Pree PAV7A/B/C Pre- cobbles/Stone pavers AST Astr TD2 Timi LN1 Line WALLS AND FENCII W1 In-si W1a In-si W1b In-si W1b In-si W1b In-si W1b In-si W1b In-si W1b In-si W1b In-si W1 San W5 Entr W4 San W5 Entr W4 San W5 Entr W6 Lan- W7 Insit R1 Acco R2 Acco EDG1 Con EDG2 Con	Notice Status A pade Concrete K Pavement School - Colour Concrete Topping School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone School - Stone Paving - Australian Bluestone Stone Main - Main
PAV4F CUII PAV4G Star PAV5 Bric PAV6A/B Pree PAV7A/B/C Pre- cobbles/Stone pavers AST Astr TD2 Timi LN1 Line WALLS AND FENCII W1 In-si W1a In-si W1b In-si W1	Notice Sector School - Colour Concrete Topping School - Stone Paving - Australian Bluestone Stone Year Marking Year To Concrete Bleacher Walls 450mm Wide tu Concrete Bleacher Walls 900mm wide y Walls 600mm dscape Brick Wall u Concrete Wall/Seat 300mm wide ess Ramp & Seatwall Garden ess Ramp to preschool uposite Timber Edge crete Edge dstone cobbles ture steel inlay to COLA
PAV4F CUII PAV4G Star PAV5 Bric PAV6A/B Pree PAV7A/B/C Pre- cobbles/Stone pavers AST Astr TD2 Timi LN1 Line WALLS AND FENCII W1 In-si W1a In-si W2 In-si W3 Entr W6 Lan- W7 Insiti R1 Acco R2 Acco EDG1 Con EDG3 San EDG4 Fea FN02 Pres	A concrete A Pavement A concrete A Pavement A concrete A composite Deck Type 2 A marking A concrete A composite Deck Type 2 A marking A concrete A concrete Bleacher Walls 450mm Wide A concrete Bleacher Walls 450mm Wide A concrete wall/Seat 450mm wide A concrete Wall/Seat with Cistern Access Hatch A tu Concrete Bleacher Walls 900mm wide A concrete Bleacher Walls 900mm wide A stone Wall A y Wall A scape Brick Wall A Concrete Wall/Seat 300mm wide A concrete Wall/Seat 300mm wide A concrete Edge A concent a concrete Concol A concol bles A concol
PAV4F CUIT PAV4G Star PAV5 Bric PAV6A/B Pree PAV7A/B/C Pre- cobbles/Stone pavers AST Astr TD2 Timi LN1 Line WALLS AND FENCII W1 In-si W1a In-si W1a In-si W1b In-s W1c In-si W1b In-s W1c In-si W1b In-si W1b In-si W1b In-si W1a In-si W1b In-si W1b In-si W1a In-si W1a In-si W1b In-si W1a In-si W1b In-si W1b In-si W1b In-si W1c In-si W1c In-si W2 In-si W1c In-si W2 In-si W1b In-si W1c In-si W1b In-si W1c In-si W1c In-si W1c In-si W2 In-si W1c In-si W1c In-si W1c In-si W2 In-si W1b In-si W1c In-si W1c In-si W1b In-si W1c In-si W1b In-si W1c In-si W1c In-si W1c In-si W1c In-si W1c In-si W1b In-si W1c In-si W1c In-si W1b In-si W1c In-si W1c In-si W1c In-si W1c In-si W1c In-si W1c In-si W1b In-si W1c In-s	A concrete Search of the searc
PAV4F CUI PAV4G Star PAV5 Bric PAV6A/B Pree PAV7A/B/C Pre- cobbles/Stone pavers AST Astr TD2 Timi LN1 Line WALLS AND FENCII W1 In-si W1a In-si W1a In-si W1b In-si W2 In-si W3 Entr W6 Lan W7 Insit R1 Accc R2 Accc EDG1 Con EDG2 Con EDG3 San EDG4 Fea FN02 Pres ELEMENTS AND FU BIN1 Exte BNCH1 Ben FP Flag HRX1 Exte	Noncrete Variable Va
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PAV4F CUIT PAV4G Star PAV5 Bric PAV6A/B Pree PAV7A/B/C Pre- cobbles/Stone pavers AST Astr TD2 Timi LN1 Line WALLS AND FENCI W1 In-si W1a In-si In-si W2 In-si W3 Entr BIS Indig (Ref PLANTING PROFILI	Restriction Status
PAV4r CUI PAV4G Star PAV5 Bric PAV5 Brin BIN1 Exte BNCH1 Ben FP Flag HRX1 Exte FR Fea FVG Rais S1 Stai TAP Wat BTS Indig (Ref Pea PLANTING PROFILLE </th <th>Restriction Parameter school - Colour Concrete Topping school - Stone Paving - Australian Bluestone Stone // Crazy Paving oturf oper Composite Deck Type 2 marking VC: tu Concrete Bleacher Walls 450mm Wide tu Concrete wall/Seat 450mm wide tu Concrete wall/Seat 450mm wide tu Concrete Bleacher Walls 900mm wide tu Concrete Bleacher Walls 900mm wide y Wall dstone Wall y Wall dstone Wall y Wall dstone Wall y Wall dstone Wall y Wall dstone cobles ure steel inlay to COLA chool Fence RNITURE: rmal Litter Bin ch Seat pole rmal Handrail - Double rmal Handrail - Single ture Rock and Boulders eed Veggie Garden 'Type 1 - Concrete Stairs er Tap genous Planting Signage er to planting plans for location) ES: den pro</th>	Restriction Parameter school - Colour Concrete Topping school - Stone Paving - Australian Bluestone Stone // Crazy Paving oturf oper Composite Deck Type 2 marking VC: tu Concrete Bleacher Walls 450mm Wide tu Concrete wall/Seat 450mm wide tu Concrete wall/Seat 450mm wide tu Concrete Bleacher Walls 900mm wide tu Concrete Bleacher Walls 900mm wide y Wall dstone Wall y Wall dstone Wall y Wall dstone Wall y Wall dstone Wall y Wall dstone cobles ure steel inlay to COLA chool Fence RNITURE: rmal Litter Bin ch Seat pole rmal Handrail - Double rmal Handrail - Single ture Rock and Boulders eed Veggie Garden 'Type 1 - Concrete Stairs er Tap genous Planting Signage er to planting plans for location) ES: den pro
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5 DETAIL TD1 1:20 TIMBER COMPOSITE DECKING IN STRUCTURAL SLAB













	INFILL MATERIAL IMPACT ABSORBTION LAYER
	FREE DRAINING CRUSHED STONE
>	BASE
~	GEOTEXTILE OVER CAPPING LAYER - REFER TO CIVIL DRAWINGS
	SUBSUIL DRAINAGE

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0.05 0.10

0.20m



General notes

- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
- All levels relative to 'Australian Height Datum'. - Do not scale drawings

- Us	se figure	d dimensions only.		
ege	nd_			
L	i	FOOTING PLACEMENT		
_		EXTENT OF WORKS		
- 26	90	Contours		
EX FF	K RL =L	Existing Relative Level Finished Floor Level (internal)		
RI	L	Relative Level		
		D# Existing tree to be retained		
¥		(Stage 2)		
7		^{D#} Existing treeto be		
	1	removed (Stage 2)		
()	Structural Root Zone		
)	Tree Protection Zone		
		Proposed tree in Garden Bed		
mathematics.		Garden Bed - MPB		
		Timber Decking - TD1/2		
		Rubber Softfall - PAV3		
		Astroturf - AST		
*Fo	or Detail Prot	iles Refer to 82000 Series		
	O Wa	iter Tap		
	Hy	arant iter Pump		
*N	ote: Sculptur	es to Artwork Committe consultation. stalled at a later date.		
		Surface inlet Pit		
		Juction Pit		
AVEN				
AV1 AV1A	/B/C Co	Increte paving Iour concrete paving - Dolomite/ Arctic/ Silver (Colour	
AVZ AV3a	/b/c Ru	one paver - Granite Ibber Softfall -EDPM	d)	
AV4A AV4B		nnecting Pathways-Timber Steepers (in groun nnecting Pathways-Stumps in ground	a)	
AV4D AV4E		nnecting Pathways-Balancing steepers nnecting Pathways-Recycled timber logs		
AV4G	S St Br	amped Concrete ick Pavement		
AV6A AV7A	/B Pr /B/C Pi	eschool - Colour Concrete Topping reschool - Stone Paving - Australian Bluestone	Stone	
obble:	s/Stone pave As	rrs/ Crazy Paving troturf		
D2 N1	Lir	nber Composite Deck Type 2 ie marking		
VALLS	S AND FENO	CING: situ Concrete Bleacher Walls 450mm Wide		
V1a V1b	ln∙ In	situ Concrete seat with composite timber top situ Concrete wall/Seat 450mm wide		
V1c V2	In∙ In•	situ Concrete wall/Seat with Cistern Access Hasitu Concrete Bleacher Walls 900mm wide	atch	
V3 V4	Er Sa	ıtry Walls 600mm andstone Wall		
N5 N6	Er La	Itry Wall ndscape Brick Wall		
v/ R1 22	Ac	situ Concrete Wall/Seat 300mm wide cess Ramp & Seatwall Garden		
DG1	Co	omposite Timber Edge		
DG3	Sa	indstone cobbles ature steel inlay to COLA		
N02	Pr	eschool Fence		
ELEME BIN1	ENTS AND F	URNITURE: ternal Litter Bin		
	1 Be Fla	inch Seat agpole		
IRX1 IRX2	E) E)	ternal Handrall - Double ternal Handrail - Single		
R VG	Ra	ature Rock and Boulders aised Veggie Garden		
AP	W	air Type T - Concrete Stairs ater Tap digenous Planting Signage		
	(R	efer to planting plans for location)		
IPB1	Γ ING PROFI Ga	L <u>ES:</u> arden profile on grade - 300MM		
APB2	Ga	arden profile on structure arden profile on grade - 500MM		
IUL1	Ga Mi	irden profile on grade - above 500MM ulch		
E	31/8/2021	For Construction	JRS	
D C	20/8/2021 22/6/2021	For Construction IFC for Sign-off Issue	MZ JRS	-
В	14/5/2021	Final SINSW Review Issue	BM	
А	7/4/2021	SINSW Preliminary Review 95%	MM G	
07	1/4/2021	SINSW Preliminary Review 95%	JRS	
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5 DETAIL AST 1:5 ASTROTURF

GEOTEXTILE OVER CAPPING LAYER

REFER TO CIVIL DRAWINGS

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4 DETAIL PV3 - RUBBER SOFTFALL 1:5 EDPM

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5 DETAIL STEEL PLATE 1:5 STEEL PLATE

6 DETAIL PAV1A/B/C - CONCRETE ON GRADE (COLOUR) 1:5

- STEEL PLATE - CUSTOM RAISED PATTERN





10 DETAIL PAW 1:5 ANIMAL TRACK

11 DETAIL BIRD 1:5 ANIMAL TRACK

SLAB AND REINFORCEMENT TO ENGINEER'S DETAIL

COMPACTED SUBGRADE TO ENGINEER'S SPECIFICATION

_ GEOTEXTILE OVER CAPPING LAYER REFER TO CIVIL DRAWINGS

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0 0.05 0.10

0.20m



General notes

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- All levels relative to 'Australian Height Datum'.
- Do not scale drawings. Use figured dimensions only.

egend			
LJ	SITE BOUNDARY		
	EXTENT OF WORKS		
- 200	Contours		
EX RL	Existing Relative Level		
RL	Relative Level		
SSL	Structural Slab Level		
TRE	E ID# Existing tree to be retained (Stage 2)		
TRE	Existing treeto be removed (Stage 2)		
()	Structural Root Zone		
()	Tree Protection Zone		
•	Proposed tree in Garden Bed		
	Garden Bed - MPB		
	Timber Decking - TD1/2		
	Rubber Softfall - PAV3		
	Astroturf - AST		
*For Detail	Profiles Refer to 82000 Series		
	Water Ten		
	Water Tap Hydrant Water Rump		
*Note: Scul	ptures to Artwork Committe consultation.		
To b	e installed at a later date.		
	Juction Pit		
	Grated Drain		
PAVEMENT FIN	VISHES:		
PAV1 PAV1A/B/C	Concrete paving Colour concrete paving - Dolomite/ Arctic/ Silv	er Colour	
PAV2 PAV3a/b/c	Stone paver - Granite		
PAV3a/b/C PAV4A	Connecting Pathways-Timber Sleepers (in gro	ound)	
PAV4B PAV4D	Connecting Pathways-Stumps in ground Connecting Pathways-Balancing steepers		
PAV4E PAV4F	Connecting Pathways-Recycled timber logs		
PAV4F PAV4G	Stamped Concrete		
PAV5 PAV6A/B	Brick Pavement Preschool - Colour Concrete Topping		
PAV7A/B/C cobbles/Stone r	Preschool - Stone Paving - Australian Bluesto pavers/ Crazy Paving	one Stone	
AST	Astroturf Timber Composite Deck Type 2		
LN1	Line marking		
WALLS AND F	ENCING:		
W1a	In-situ Concrete seat with composite timber to	р	
W1b W1c	In-situ Concrete wall/Seat 450mm wide In-situ Concrete wall/Seat with Cistern Access	s Hatch	
W2 W3	In-situ Concrete Bleacher Walls 900mm wide Entry Walls 600mm		
W4	Sandstone Wall		
W5 W6	Landscape Brick Wall		
W7 R1	Insitu Concrete Wall/Seat 300mm wide Access Ramp & Seatwall Garden		
R2 EDG1	Access Ramp to preschool		
EDG2	Concrete Edge		
	Sandstone cobbles		
	Sandstone cobbles Feature steel inlay to COLA		
FN02	Sandstone cobbles Feature steel inlay to COLA Preschool Fence		
FN02 ELEMENTS AN BIN1	Sandstone cobbles Feature steel inlay to COLA Preschool Fence ID FURNITURE: External Litter Bin		
ELEMENTS AN BIN1 BNCH1 FP	Sandstone cobbles Feature steel inlay to COLA Preschool Fence ID FURNITURE: External Litter Bin Bench Seat Flagpole		
ELEMENTS AN BIN1 BNCH1 FP HRX1 HRX2	Sandstone cobbles Feature steel inlay to COLA Preschool Fence ID FURNITURE: External Litter Bin Bench Seat Flagpole External Handrail - Double External Handrail - Single		
ELGA FN02 ELEMENTS AN BIN1 BNCH1 FP HRX1 HRX2 FR BVC	Sandstone cobbles Feature steel inlay to COLA Preschool Fence ID FURNITURE: External Litter Bin Bench Seat Flagpole External Handrail - Double External Handrail - Single Feature Rock and Boulders Designd Versite Constants		
ELGA FN02 BIN1 BNCH1 FP HRX1 HRX2 FR RVG S1	Sandstone cobbles Feature steel inlay to COLA Preschool Fence ID FURNITURE: External Litter Bin Bench Seat Flagpole External Handrail - Double External Handrail - Single Feature Rock and Boulders Raised Veggie Garden Stair Type 1 - Concrete Stairs		
ELGA FN02 ELEMENTS AN BIN1 BNCH1 FP HRX1 HRX2 FR HRX2 FR RVG S1 S1 FAP BTS	Sandstone cobbles Feature steel inlay to COLA Preschool Fence ID FURNITURE: External Litter Bin Bench Seat Flagpole External Handrail - Double External Handrail - Double External Handrail - Single Feature Rock and Boulders Raised Veggie Garden Stair Type 1 - Concrete Stairs Water Tap Indigenous Planting Signage		
ELGA FN02 ELEMENTS AN BIN1 BNCH1 FP HRX1 HRX2 FR RVG S1 TAP BTS	Sandstone cobbles Feature steel inlay to COLA Preschool Fence ID FURNITURE: External Litter Bin Bench Seat Flagpole External Handrail - Double External Handrail - Double External Handrail - Single Feature Rock and Boulders Raised Veggie Garden Stair Type 1 - Concrete Stairs Water Tap Indigenous Planting Signage (Refer to planting plans for location)		
ELGAA FN02 ELEMENTS AN BIN1 BNCH1 FP HRX1 HRX2 FR RVG S1 TAP BTS PLANTING PRI	Sandstone cobbles Feature steel inlay to COLA Preschool Fence ID FURNITURE: External Litter Bin Bench Seat Flagpole External Handrail - Double External Handrail - Double External Handrail - Single Feature Rock and Boulders Raised Veggie Garden Stair Type 1 - Concrete Stairs Water Tap Indigenous Planting Signage (Refer to planting plans for location) DFILES: Garden profile on grade - 300MM		
ELGA FN02 ELEMENTS AN BIN1 BNCH1 FP HRX1 HRX2 FR RVG S1 TAP BTS PLANTING PR MPB1 MPB2 MPB2	Sandstone cobbles Feature steel inlay to COLA Preschool Fence ID FURNITURE: External Litter Bin Bench Seat Flagpole External Handrail - Double External Handrail - Double External Handrail - Single Feature Rock and Boulders Raised Veggie Garden Stair Type 1 - Concrete Stairs Water Tap Indigenous Planting Signage (Refer to planting plans for location) DFILES: Garden profile on grade - 300MM Garden profile on structure		
ELGA FN02 ELEMENTS AN BIN1 BNCH1 FP HRX1 HRX2 FR RVG S1 TAP BTS PLANTING PR MPB1 MPB2 MPB3 MPB4	Sandstone cobbles Feature steel inlay to COLA Preschool Fence ID FURNITURE: External Litter Bin Bench Seat Flagpole External Handrail - Double External Handrail - Double External Handrail - Single Feature Rock and Boulders Raised Veggie Garden Stair Type 1 - Concrete Stairs Water Tap Indigenous Planting Signage (Refer to planting plans for location) DFILES: Garden profile on grade - 300MM Garden profile on grade - 500MM Garden profile on grade - above 500MM		
ELGA FN02 ELEMENTS AN BIN1 BNCH1 FP HRX1 HRX2 FR RVG S1 TAP BTS PLANTING PR MPB1 MPB1 MPB2 MPB3 MPB4 MUL1	Sandstone cobbles Feature steel inlay to COLA Preschool Fence ID FURNITURE: External Litter Bin Bench Seat Flagpole External Handrail - Double External Handrail - Double External Handrail - Single Feature Rock and Boulders Raised Veggie Garden Stair Type 1 - Concrete Stairs Water Tap Indigenous Planting Signage (Refer to planting plans for location) DFILES: Garden profile on grade - 300MM Garden profile on grade - 500MM Garden profile on grade - above 500MM Mulch		
ELGAA FN02 ELEMENTS AN BIN1 BNCH1 FP HRX1 HRX2 FR RVG S1 TAP BTS PLANTING PRI MPB1 MPB1 MPB2 MPB3 MPB4 MUL1	Sandstone cobbles Feature steel inlay to COLA Preschool Fence ID FURNITURE: External Litter Bin Bench Seat Flagpole External Handrail - Double External Handrail - Double External Handrail - Single Feature Rock and Boulders Raised Veggie Garden Stair Type 1 - Concrete Stairs Water Tap Indigenous Planting Signage (Refer to planting Signage (Refer to planting plans for location) DFILES: Garden profile on grade - 300MM Garden profile on grade - 500MM Garden profile on grade - above 500MM Mulch	291.	
ELGAA FN02 ELEMENTS AN BIN1 BNCH1 FP HRX1 HRX2 FR RVG S1 TAP BTS PLANTING PR MPB1 MPB2 MPB3 MPB4 MUL1 E 31/8/20 D 20/8/20	Sandstone cobbles Feature steel inlay to COLA Preschool Fence ID FURNITURE: External Litter Bin Bench Seat Flagpole External Handrail - Double External Handrail - Double External Handrail - Single Feature Rock and Boulders Raised Veggie Garden Stair Type 1 - Concrete Stairs Water Tap Indigenous Planting Signage (Refer to planting plans for location) DFILES: Garden profile on grade - 300MM Garden profile on grade - 500MM Garden profile on grade - 500MM Garden profile on grade - above 500MM Mulch 21 For Construction	JRS MZ	
ELGA FN02 ELEMENTS AN BIN1 BNCH1 FP HRX1 HRX2 FR RVG S1 TAP BTS PLANTING PRI MPB1 MPB1 MPB2 MPB3 MPB4 MUL1 E 31/8/20 D 20/8/20 C 22/6/20	Sandstone cobbles Feature steel inlay to COLA Preschool Fence ID FURNITURE: External Litter Bin Bench Seat Flagpole External Handrail - Double External Handrail - Double External Handrail - Single Feature Rock and Boulders Raised Veggie Garden Stair Type 1 - Concrete Stairs Water Tap Indigenous Planting Signage (Refer to planting plans for location) OFILES: Garden profile on grade - 300MM Garden profile on grade - 300MM Garden profile on grade - 500MM Garden profile on grade - above 500MM Mulch 21 For Construction 21 For Construction 21 IFC for Sign-off Issue	JRS MZ JRS	
ELGAA FN02 ELEMENTS AN BIN1 BNCH1 FP HRX1 HRX2 FR RVG S1 TAP BTS PLANTING PR MPB1 MPB2 MPB3 MPB4 MUL1 E 31/8/20 D 20/8/20 C 22/6/20 B 31/5/20	Sandstone cobbles Feature steel inlay to COLA Preschool Fence ID FURNITURE: External Litter Bin Bench Seat Flagpole External Handrail - Double External Handrail - Double External Handrail - Single Feature Rock and Boulders Raised Veggie Garden Stair Type 1 - Concrete Stairs Water Tap Indigenous Planting Signage (Refer to planting plans for location) DFILES: Garden profile on grade - 300MM Garden profile on grade - 300MM Garden profile on grade - 500MM Garden profile on grade - above 500MM Mulch 21 For Construction 21 For Construction 21 For Construction 21 Final SINSW Review	JRS MZ JRS MZ	
ELEMENTS AN BIN1 BNCH1 FP HRX1 HRX2 FR RVG S1 TAP BTS PLANTING PR/ MPB1 MPB1 MPB2 MPB3 MPB4 MUL1 E 31/8/20 D 20/8/20 C 22/6/20 B 31/5/20	Sandstone cobbles Feature steel inlay to COLA Preschool Fence ID FURNITURE: External Litter Bin Bench Seat Flagpole External Handrail - Double External Handrail - Double External Handrail - Double External Handrail - Single Feature Rock and Boulders Raised Veggie Garden Stair Type 1 - Concrete Stairs Water Tap Indigenous Planting Signage (Refer to planting plans for location) DFILES: Garden profile on grade - 300MM Garden profile on grade - 300MM Garden profile on grade - 500MM Garden profile on grade - above 500MM Mulch 21 For Construction 21 For Construction 21 For Construction 21 Final SINSW Review 1 SINSW Preliminary Review 95%	JRS MZ JRS MZ MM G	
ELEMENTS AN BIN1 BNCH1 FP HRX1 HRX2 FR RVG S1 TAP BTS PLANTING PR MPB1 MPB2 MPB3 MPB4 MUL1 E 31/8/20 C 22/6/20 B 31/5/20 A 7/4/202	Sandstone cobbles Feature steel inlay to COLA Preschool Fence ID FURNITURE: External Litter Bin Bench Seat Flagpole External Handrail - Double External Handrail - Double External Handrail - Single Feature Rock and Boulders Raised Veggie Garden Stair Type 1 - Concrete Stairs Water Tap Indigenous Planting Signage (Refer to planting plans for location) OFILES: Garden profile on grade - 300MM Garden profile on grade - 300MM Garden profile on grade - 500MM Garden profile on grade - 300MM Garden profile on grade - 300MM Mulch 21 For Construction 21 For Construction 21 Final SINSW Review 1 SINSW Preliminary Review 95% 21 SINSW Preliminary Review 95%	JRS MZ JRS MZ MM G JRS	
ELSA FN02 ELEMENTS AN BIN1 BNCH1 FP HRX1 HRX2 FR RVG S1 TAP BTS PLANTING PR/ MPB1 MPB2 MPB3 MPB4 MUL1 E 31/8/20 C 22/6/20 G 31/5/20 A 7/4/202 05 1/4/202 rev date	Sandstone cobbles Feature steel inlay to COLA Preschool Fence ID FURNITURE: External Litter Bin Bench Seat Flagpole External Handrail - Double External Handrail - Double External Handrail - Double External Handrail - Single Feature Rock and Boulders Raised Veggie Garden Stair Type 1 - Concrete Stairs Water Tap Indigenous Planting Signage (Refer to planting plans for location) OFILES: Garden profile on grade - 300MM Garden profile on grade - 300MM Garden profile on grade - 500MM Garden profile on grade - above 500MM Mulch 21 For Construction 21 For Construction 22 Final SINSW Review 23 SINSW Preliminary Review 95% 24 SINSW Preliminary Review 95% 25 Raise 26 Raise State	JRS MZ JRS MZ MZ JRS MZ JRS S by C	h

Golden Grove Street Darlington NSW 2008

Stage 2	Scale
Pavements	1:5 @ A1
Project Code	First Issued
DTPS	7/8/2020
Sheet No.	Rev
A-82011	E





architecture / interiors / urban / landscape / place Level 5, 70 King Street Sydney 2000 t +61 2 9251 7077 w fjmtstudio.com

8 DETAIL BALUSTRADE (TIMBER DECK) 1:10



- 2 MAN SMOOTH SANDSTONE (DG4)

- REFER TO PLANS FOR FINISH

- CONCRETE PAD FOOTING

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General notes

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Legend_	
LJ	FOOTING PLACEMENT
<u> </u>	SITE BOUNDARY
200	EXTENT OF WORKS
- 200 EX RL	Existing Relative Level
FFL	Finished Floor Level (internal)
RL	Relative Level
	(Stage 2)
	()
141	Existing treeto be removed (Stage 2)
()	Structural Root Zone
()	Tree Protection Zone
\sim	Proposed tree in
· · · ·	Garden Bed
	Garden Bed - MPB
	Timber Decking - TD1/2
	Rubber Sottfall - PAV3
	Astroturf - AST
*For Detail Prof	iles Refer to 82000 Series
🔵 Wa	ter Tap
Hydrogen	drant ter Pump
To be in:	stalled at a later date.
	Surface inlet Pit
	Juction Pit
PAVEMENT FINISH	
	20.
	ncrete paving
PAV1 Co PAV1A/B/C Co PAV2 Sto	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite
PAV1 Co PAV1A/B/C Co PAV2 Sta PAV3a/b/c Ru PAV4A Co	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite ibber Softfall -EDPM innecting Pathways-Timber Sleepers (in ground)
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4B Co PAV4D Co	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Balancing steepers
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4B Co PAV4D Co PAV4E Co PAV4F Co	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Balancing steepers innecting Pathways-Recycled timber logs innecting Pathways-Stepping Stopes
PAV1 Co PAV1A/B/C Co PAV2 Sta PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4B Co PAV4B Co PAV4C Co PAV4E Co PAV4F Co PAV4G Sta	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Balancing steepers innecting Pathways-Recycled timber logs innecting Pathways-Stepping Stones amped Concrete ok Devement
PAV1CoPAV1A/B/CCoPAV2StrPAV3a/b/cRuPAV4ACoPAV4BCoPAV4BCoPAV4BCoPAV4ECoPAV4ECoPAV4ECoPAV4EStrPAV4GStrPAV5BriPAV6A/BProvide	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Balancing steepers innecting Pathways-Recycled timber logs innecting Pathways-Stepping Stones amped Concrete ick Pavement eschool - Colour Concrete Topping
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4B Co PAV4D Co PAV4C Co PAV4E Co PAV4E Co PAV4E Co PAV4G Sta PAV5 Bri PAV5 Bri PAV6A/B Prr cobbles/Stone pave	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite ibber Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Balancing steepers innecting Pathways-Recycled timber logs innecting Pathways-Stepping Stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4B Co PAV4D Co PAV4E Co PAV4E Co PAV4E Co PAV4F Co PAV4F Co PAV4F Co PAV4F Co PAV4G Str PAV5 Bri PAV6A/B Pr PAV5A/B/C Pr cobbles/Stone pave AST As TD2 Tir	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite bber Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Balancing steepers innecting Pathways-Recycled timber logs innecting Pathways-Recycled timber logs innecting Pathways-Stepping Stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf hber Composite Deck Type 2
PAV1CoPAV1A/B/CCoPAV2StrPAV3a/b/cRuPAV4ACoPAV4BCoPAV4BCoPAV4BCoPAV4CCoPAV4FCoPAV4FCoPAV4GStrPAV5BriPAV5BriPAV5A/BPrCobbles/Stone paveASTASTAsTD2TirLN1Lir	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Balancing steepers innecting Pathways-Recycled timber logs innecting Pathways-Recycled timber logs innecting Pathways-Recycled timber logs innecting Pathways-Stepping Stones amped Concrete ick Pavement eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf nber Composite Deck Type 2 an marking
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4B Co PAV4B Co PAV4B Co PAV4E Co PAV4E Co PAV4F Co PAV4F Co PAV4G Sta PAV5 Bri PAV5A/B Pri PAV5A/B Pri PAV5A/B Pri Cobbles/Stone pave AST As TD2 Tir LN1 Lir	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Balancing steepers innecting Pathways-Recycled timber logs innecting Pathways-Stepping Stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf mber Composite Deck Type 2 he marking
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4B Co PAV4E Co PAV4G Str PAV5 Bri PAV6A/B Pr cobbles/Stone pave AST AST As TD2 Tir LN1 Lir WALLS AND FENC W1 W1a In-	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Balancing steepers innecting Pathways-Recycled timber logs innecting Pathways-Recycled timber logs innecting Pathways-Stepping Stones amped Concrete ick Pavement eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf mber Composite Deck Type 2 ie marking EING: situ Concrete Bleacher Walls 450mm Wide situ Concrete seat with composite timber top
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4B Co PAV4B Co PAV4B Co PAV4B Co PAV4C Str PAV4E Co PAV4B Co PAV4B Co PAV4B Co PAV4B Co PAV4E Co PAV4E Co PAV4B Co PAV4E Co PAV4E Co PAV4B Pav PAV5 Bri PAV5(A)B Pri Cobbles/Stone pave Ast TD2 Tir LN1 Lir WALLS AND FENC W1 W1 In- W1a In- W1b In- W1c In-	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Balancing steepers innecting Pathways-Recycled timber logs innecting Pathways-Recycled timber logs innecting Pathways-Stepping Stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf nber Composite Deck Type 2 are marking SING: situ Concrete Bleacher Walls 450mm Wide situ Concrete wall/Seat 450mm wide situ Concrete wall/Seat 450mm wide
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4B Co PAV4B Co PAV4B Co PAV4E Co PAV4E Co PAV4F Co PAV4F Co PAV4F Co PAV4F Co PAV4G Sta PAV5 Bri PAV6A/B Pri PAV7A/B/C Pr cobbles/Stone pave AST As TD2 Tir LN1 Lir WALLS AND FENC W1 In- W1a In- W1a In- W1b In- W1a In- W1a In- W1b	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite bber Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Stepping stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf nber Composite Deck Type 2 ie marking SING: situ Concrete Bleacher Walls 450mm Wide situ Concrete wall/Seat 450mm wide situ Concrete Walls 450mm wide situ Concrete Bleacher Walls 900mm wide try Walls 600mm
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4D Co PAV4E Co PAV4G Str PAV5 Bri PAV6A/B Pr Cobles/Stone pave AST AST AS TD2 Tir LN1 Lir WALLS AND FENC W1 W1a In- W1a In- W1b In- W2 In- W3 En W4 Sa	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Balancing steepers innecting Pathways-Balancing steepers innecting Pathways-Recycled timber logs innecting Pathways-Recycled timber top eschool - Colour Concrete Topping eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf neber Composite Deck Type 2 he marking EING: situ Concrete Bleacher Walls 450mm Wide situ Concrete wall/Seat 450mm wide situ Concrete Bleacher Walls 900mm wide try Walls 600mm indstone Wall
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4B Co PAV4D Co PAV4D Co PAV4E Co PAV4E Co PAV4E Co PAV4E Co PAV4E Co PAV4G Sta PAV5 Bri PAV5(C) Pr cobbles/Stone pave AST AST AS TD2 Tir LN1 Lir W1 In- W1a In- W1a In- W3 En W4 Sa W5 En W6 La	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Stupping steepers innecting Pathways-Recycled timber logs innecting Pathways-Recycled timber logs innecting Pathways-Stepping Stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf nber Composite Deck Type 2 he marking ING: situ Concrete Bleacher Walls 450mm Wide situ Concrete wall/Seat 450mm wide situ Concrete Bleacher Walls 900mm wide try Walls 600mm ndstone Wall try Wall ndscape Brick Wall
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4B Co PAV4E Co PAV4E Co PAV4E Co PAV4E Co PAV4E Co PAV4E Co PAV4G Sta PAV5 Bri PAV6A/B Pr Cobbles/Stone pave Ast AST Ast TD2 Tir LN1 Lir WALLS AND FENC W1 W1 In- W1a In- W1b In- W1c In- W3 En W4 Sa W5 En W6 La W7 Ins R1 Ac	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Balancing steepers innecting Pathways-Balancing steepers innecting Pathways-Recycled timber logs innecting Pathways-Recycled timber logs isto Concrete Deck Type 2 is emarking istu Concrete Bleacher Walls 450mm Wide situ Concrete seat with composite timber top istu Concrete wall/Seat 450mm wide situ Concrete Bleacher Walls 900mm wide try Walls 600mm indstone Wall try Wall istu Concrete Wall/Seat 300mm wide cess Ramp & Seatwall Garden
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4B Co PAV4D Co PAV4E Co PAV4E Co PAV4B Co PAV4D Co PAV4E Co PAV4G Sta PAV4G Sta PAV5 Bri PAV6A/B Pri Cobbles/Stone pave Ast AST Ast TD2 Tir LN1 Lir W1 In- W1a In- W1a In- W2 In- W3 En W4 Sa W5 En W6 La W7 Ins R1 Ac R2 Ac EDG1 Co	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Balancing steepers innecting Pathways-Recycled timber logs innecting Pathways-Recycled timber logs innecting Pathways-Stepping Stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf mber Composite Deck Type 2 he marking EING: situ Concrete Bleacher Walls 450mm Wide situ Concrete wall/Seat with Cistern Access Hatch situ Concrete Bleacher Walls 900mm wide try Walls 600mm ndstone Wall try Wall ndscape Brick Wall situ Concrete Wall/Seat 300mm wide cess Ramp to preschool imposite Timber Edge
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4G Sta PAV5 Bri W1 In-	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite bber Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Balancing steepers innecting Pathways-Recycled timber logs innecting Pathways-Recycled timber logs innecting Pathways-Stepping Stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf nber Composite Deck Type 2 he marking :ING: situ Concrete Bleacher Walls 450mm Wide situ Concrete Bleacher Walls 450mm wide situ Concrete Bleacher Walls 900mm wide try Walls 600mm ndstone Wall try Wall ondscape Brick Wall situ Concrete Wall/Seat 300mm wide cess Ramp & Seatwall Garden cess Ramp to preschool imposite Timber Edge increte Edge increte Edge
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4B Co PAV4B Co PAV4D Co PAV4E Co PAV4E Co PAV4E Co PAV4E Co PAV4G Str PAV5 Bri PAV6A/B Pr PAV6A/B/C Pr cobbles/Stone pave AST AST AS TD2 Tir LN1 Lir W10 In- W12 In- W13 En W4 Sa W5 En W6 La W7 Ins R1 Acc EDG1 Cc EDG2 Cc EDG3 Sa EDG4 Fe EN02 En <th>ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Stumps in ground innecting Pathways-Stumps in ground innecting Pathways-Stupping stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf mber Composite Deck Type 2 ie marking EING: situ Concrete Bleacher Walls 450mm Wide situ Concrete Bleacher Walls 450mm wide situ Concrete Bleacher Walls 900mm wide try Walls 600mm ndstone Wall try Wall Somm ndstone Wall situ Concrete Wall/Seat 300mm wide cess Ramp & Seatwall Garden cess Ramp to preschool imposite Timber Edge increte Edge ndstone cobbles ature steel inlay to COLA sechool Fence</th>	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Stumps in ground innecting Pathways-Stumps in ground innecting Pathways-Stupping stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf mber Composite Deck Type 2 ie marking EING: situ Concrete Bleacher Walls 450mm Wide situ Concrete Bleacher Walls 450mm wide situ Concrete Bleacher Walls 900mm wide try Walls 600mm ndstone Wall try Wall Somm ndstone Wall situ Concrete Wall/Seat 300mm wide cess Ramp & Seatwall Garden cess Ramp to preschool imposite Timber Edge increte Edge ndstone cobbles ature steel inlay to COLA sechool Fence
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4B Co PAV4D Co PAV4E Co PAV4G Sta PAV5 Bri PAV6A/B Pri Cobles/Stone pave Ast AST Ast TD2 Tir LN1 Lir W1 In- W1a In- W3 En W4 Sa W5 En <th>Increte paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Stupping steepers innecting Pathways-Recycled timber logs innecting Pathways-Recycled timber logs innecting Pathways-Stepping Stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf nber Composite Deck Type 2 he marking EING: situ Concrete Bleacher Walls 450mm Wide situ Concrete wall/Seat 450mm wide situ Concrete Bleacher Walls 900mm wide try Walls 600mm ndstone Wall try Wall ndscape Brick Wall situ Concrete Wall/Seat 300mm wide cess Ramp to preschool imposite Timber Edge increte Edge ndstone cobbles ature steel inlay to COLA eschool Fence</th>	Increte paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Stupping steepers innecting Pathways-Recycled timber logs innecting Pathways-Recycled timber logs innecting Pathways-Stepping Stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf nber Composite Deck Type 2 he marking EING: situ Concrete Bleacher Walls 450mm Wide situ Concrete wall/Seat 450mm wide situ Concrete Bleacher Walls 900mm wide try Walls 600mm ndstone Wall try Wall ndscape Brick Wall situ Concrete Wall/Seat 300mm wide cess Ramp to preschool imposite Timber Edge increte Edge ndstone cobbles ature steel inlay to COLA eschool Fence
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4B Co PAV4D Co PAV4E Co PAV4E Co PAV4E Co PAV4E Co PAV4E Co PAV4E Co PAV4G Sta PAV5 Bri PAV6A/B Pri Cobbles/Stone pave Ast AST As TD2 Tir LN1 Lir WALLS AND FENC W1 W1 In- W1a In- W1b In- W1c In- W3 En W4 Sa W5 En W6 La W7 Ins R1 Ac EDG4 Fe FN02 Pre	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Balancing steepers innecting Pathways-Recycled timber logs innecting Pathways-Recycled timber logs innecting Pathways-Stepping Stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf nber Composite Deck Type 2 he marking CING: situ Concrete Bleacher Walls 450mm Wide situ Concrete seat with composite timber top situ Concrete Bleacher Walls 450mm wide situ Concrete Bleacher Walls 900mm wide try Walls 600mm ndstone Wall try Wall ondscape Brick Wall situ Concrete Wall/Seat 300mm wide cess Ramp to preschool imposite Timber Edge increte Edge ndstone cobbles ature steel inlay to COLA sechool Fence URNITURE: ternal Litter Bin
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4B Co PAV4D Co PAV4E Co PAV4E Co PAV4E Co PAV4G Str PAV4G Str PAV4G Str PAV4G Str PAV4G Pr cobbles/Stone paved AST Ast TD2 Tir LN1 Lir WALLS AND FENC W1 W1 In- W1 In- W1 In- W2 In- W3 En W4 Sa W5 En W6 La W7 Ins R1 Ac EDG2 Co EDG3 Sa EDG4 Fe	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Balancing steepers innecting Pathways-Recycled timber logs innecting Pathways-Recycled timber logs innecting Pathways-Stepping Stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf nber Composite Deck Type 2 he marking EING: situ Concrete Bleacher Walls 450mm Wide situ Concrete wall/Seat with Cistern Access Hatch situ Concrete Bleacher Walls 900mm wide try Walls 600mm ndstone Wall try Walls 600mm ndstone Wall try Walls 600mm indstone Wall try Walls 600mm indstone Wall try Walls 600mm indstone Wall try Uter Imber Edge increte Edge ndstone cobbles ature steel inlay to COLA eschool Fence URNITURE: ternal Litter Bin nch Seat agpole
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV3a/b/c Ru PAV4B Co PAV4B Co PAV4B Co PAV4B Co PAV4B Co PAV4B Co PAV4D Co PAV4E Co PAV4E Co PAV4E Co PAV4G Sta PAV5 Bri PAV5/Stone pave Ast AST As TD2 Tir LN1 Lir W1 In- W1a In- W2 In-	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite bber Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Stepping stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf nber Composite Deck Type 2 ie marking SING: situ Concrete Bleacher Walls 450mm Wide situ Concrete Bleacher Walls 450mm wide situ Concrete wall/Seat 450mm wide situ Concrete Bleacher Walls 900mm wide try Walls 600mm ndstone Wall try Wall ndscape Brick Wall itu Concrete Wall/Seat 300mm wide cess Ramp to preschool imposite Timber Edge increte Edge ndstone cobbles ature steel inlay to COLA eschool Fence URNITURE: ternal Litter Bin nch Seat agpole ternal Handrail - Double ternal Handrail - Double ternal Handrail - Single
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV3a/b/c Ru PAV3a/b/c Ru PAV4B Co PAV4B Co PAV4B Co PAV4B Co PAV4B Co PAV4D Co PAV4E Co PAV4G Str PAV4G Str PAV4G Str PAV5 Bri PAV6A/B Pri Cobbles/Stone pave Ast TD2 Tir LN1 Lir WALLS AND FENC W1 W1 In- W1a In- W1b In- W1c In- W3 En W4 Sa W5	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Balancing steepers innecting Pathways-Recycled timber logs innecting Pathways-Recycled timber logs innecting Pathways-Stepping Stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf nber Composite Deck Type 2 ie marking ENG: situ Concrete Bleacher Walls 450mm Wide situ Concrete Bleacher Walls 450mm wide situ Concrete Bleacher Walls 900mm wide try Walls 600mm ndstone Wall try Walls 600mm ndscape Brick Wall situ Concrete Wall/Seat 300mm wide cess Ramp & Seatwall Garden cess Ramp to preschool imposite Timber Edge increte Edge ndstone cobbles ature steel inlay to COLA eschool Fence URNITURE: ternal Litter Bin nch Seat agpole ternal Handrail - Double ternal Handrail - Double ternal Handrail - Single vature Rock and Boulders ised Veorie Garden
PAV1CoPAV1A/B/CCoPAV2StrPAV3a/b/cRuPAV3a/b/cRuPAV4ACoPAV4BCoPAV4BCoPAV4DCoPAV4DCoPAV4ECoPAV4BStrPAV4BCoPAV4BCoPAV4BCoPAV4BCoPAV4BCoPAV4BCoPAV4BCoPAV4BCoPAV4BCoPAV4BCoPAV4BCoPAV4BCoPAV4BCoPAV4BStrPAV5BrinN1LirW1In-W1In-W1In-W1In-W1In-W1In-W1In-W1In-W1In-W3EnW4SaW5EnW6LaW7InsR1AcEDG2CoEDG3SaEDG4FeFN02PreELEMENTS AND FBIN1ExBNCH1BeFPFilaHRX1ExFRFeRVGRaS1StrTABStr	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Stepping stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf nber Composite Deck Type 2 he marking SING: situ Concrete Bleacher Walls 450mm Wide situ Concrete Bleacher Walls 450mm wide situ Concrete Bleacher Walls 900mm wide try Walls 600mm ndstone Wall try Walls 600mm ndstone Wall try Wall ndscape Brick Wall situ Concrete Wall/Seat 300mm wide cess Ramp & Seatwall Garden cess Ramp to preschool imposite Timber Edge increte Edge ndstone cobbles ature steel inlay to COLA eschool Fence URNITURE: ternal Litter Bin nch Seat agpole ternal Handrail - Double ternal Handrail - Single eature Rock and Boulders ised Veggie Garden iser Ype 1 - Concrete Stairs tver Ton
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4B Co PAV4B Co PAV4B Co PAV4D Co PAV4E Co PAV4E Co PAV4B Co PAV4B Co PAV4B Co PAV4G Sta PAV5 Bri PAV5 Bri PAV5 Bri PAV6A/B Pri Cobles/Stone pave As TD2 Tir LN1 Lir WALLS AND FENC W1 W1 In- W1a In- W1a In- W1a In- W1a In- W1a In- W3 En W4 Sa W5 En W4 Sa	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite bber Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Balancing steepers innecting Pathways-Recycled timber logs innecting Pathways-Stepping Stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf nber Composite Deck Type 2 ie marking ENG: situ Concrete Bleacher Walls 450mm Wide situ Concrete Bleacher Walls 450mm wide situ Concrete Bleacher Walls 900mm wide try Walls 600mm ndstone Wall try Wall So0mm wide cess Ramp to preschool imposite Timber Edge increte Edge ndstone cobbles ature steel inlay to COLA sechool Fence URNITURE: ternal Litter Bin nch Seat agpole ternal Handrail - Double ternal Handrail - Single ature Rock and Boulders ised Vegie Garden air Type 1 - Concrete Stairs ater Tap ligenous Planting Signage
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4B Co PAV4D Co PAV4E Co PAV4B Co PAV4C Str PAV4E Co PAV4E Co PAV4G Str PAV4G Str PAV5 Bri PAV6A/B Pri Cobbles/Stone paved Ast AST Ast TD2 Tir LN1 Lir W1 In- W1a In- W1a In- W1a In- W2 In- W3 En W4 Sa W5 En W6 La W7 Ins R1 Ac R2 Ac R2 Ac <	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lober Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Balancing steepers innecting Pathways-Recycled timber logs innecting Pathways-Stepping Stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf mber Composite Deck Type 2 he marking EING: situ Concrete Bleacher Walls 450mm Wide situ Concrete Bleacher Walls 450mm wide situ Concrete wall/Seat with Cistern Access Hatch situ Concrete Bleacher Walls 900mm wide try Walls 600mm ndstone Wall try Wall ndscape Brick Wall situ Concrete Bleacher Walls 900mm wide cess Ramp & Seatwall Garden cess Ramp to preschool imposite Timber Edge increte Edge ndstone cobbles ature steel inlay to COLA eschool Fence URNITURE: ternal Litter Bin nch Seat agpole ternal Handrail - Double ternal Handrail - Double ternal Handrail - Single ature Rock and Boulders ised Veggie Garden air Type 1 - Concrete Stairs ater Tap digenous Planting Signage efer to planting plans for location)
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4B Co PAV4B Co PAV4B Co PAV4B Co PAV4D Co PAV4E Co PAV4E Co PAV4G Str PAV5 Bri PAV5/Stone pave Ast AST As TD2 Tir N1 Lir W1 In- W1a In- W1a In- W1a In- W3 En W4 Sa W5 En W6 La W7 Ins R1 Ac EDG2 Co EDG3 Sa EDG4 Fe FN02 Pre HRX1 Ex	ncrete paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite bber Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Stepping stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf nber Composite Deck Type 2 ee marking SING: situ Concrete Bleacher Walls 450mm Wide situ Concrete wall/Seat 450mm wide situ Concrete Bleacher Walls 900mm wide situ Concrete Bleacher Walls 900mm wide try Walls 600mm ndstone Wall try Wall ndscape Brick Wall itu Concrete Wall/Seat 300mm wide cess Ramp & Seatwall Garden cess Ramp to preschool imposite Timber Edge increte Edge ndstone cobbles ature steel inlay to COLA eschool Fence URNITURE: ternal Litter Bin nch Seat agpole ternal Handrail - Double ternal Handrail - Single eature Rock and Boulders ised Veggie Garden air Type 1 - Concrete Stairs ater Tap tigenous Planting Signage efer to planting Signage efer to planting plans for location) _ES: rrden profile on grade - 300MM
PAV1 Co PAV1A/B/C Co PAV2 Str PAV3a/b/c Ru PAV3a/b/c Ru PAV4A Co PAV4B Co PAV4B Co PAV4B Co PAV4B Co PAV4B Co PAV4B Co PAV4C Str PAV4E Co PAV4G Str PAV4G Str PAV5 Bri PAV6A/B Pri Cobbles/Stone pave Ast TD2 Tir LN1 Lir WALLS AND FENC With W1 In- W1a In- W2a <	Increte paving lour concrete paving - Dolomite/ Arctic/ Silver Colour one paver - Granite lobber Softfall -EDPM innecting Pathways-Timber Sleepers (in ground) innecting Pathways-Stumps in ground innecting Pathways-Recycled timber logs innecting Pathways-Recycled timber logs innecting Pathways-Stepping Stones amped Concrete ck Pavement eschool - Colour Concrete Topping eschool - Stone Paving - Australian Bluestone Stone rs/ Crazy Paving troturf nber Composite Deck Type 2 ie marking INC: situ Concrete Bleacher Walls 450mm Wide situ Concrete Bleacher Walls 450mm wide situ Concrete Bleacher Walls 900mm wide try Walls 600mm ndstone Wall try Walls 600mm ndstone Wall try Wall situ Concrete Wall/Seat 300mm wide cess Ramp to preschool imposite Timber Edge increte Edge ndstone cobbles ature steel inlay to COLA eschool Fence URNITURE: ternal Litter Bin nch Seat agpole ternal Handrail - Double ternal Handrail - Single aature Rock and Boulders ised Veggie Garden air Type 1 - Concrete Stairs ater Tap tigenous Planting Signage efer to planting Signage efer to planting plans for location) <u>LES:</u> Irden profile on grade - 300MM irden profile on grade - 500MM

Е	10/8/2022	For Construction	AQL	
D	31/8/2021	For Construction	JRS	
С	20/8/2021	For Construction	MZ	
В	22/6/2021	IFC for Sign-off Issue	JRS	
А	31/5/2021	Final SINSW Review	MZ	
rev	date	name	by	ch k

Darlington Public School Golden Grove Street

Darlington NSW 2008

DTPS

_____ Sheet No.

A-82012

Project Code	First Issued
Furniture and Structures	1:10 @ A1
Stage 2	Scale

100MM COMPACTED AGGREGATE SUB-

BASE AS REQUIRED

31/5/2021



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0.05 0.10

0.20m



General notes

- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
- All levels relative to 'Australian Height Datum'.
- Do not scale drawings. Use figured dimensions only.



DTPS

Sheet No.

A-82020

15/6/20











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0.2 0.1



General notes

L

 All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.

0.5m

- All levels relative to 'Australian Height Datum'.
- Do not scale drawings. - Use figured dimensions only.

egend_	
	FOOTING PLACEMENT
<u> </u>	SITE BOUNDARY
— 20 0— —	Contours
EX RL	Existing Relative Level
FFL RL	Finished Floor Level (internal) Relative Level
SSL	Structural Slab Level
TREE ID#	Existing tree to be retained (Stage 2)
TREE ID#	Existing treeto be removed (Stage 2)
()	Structural Root Zone
(Tree Protection Zone
	Proposed tree in Garden Bed
	Garden Bed - MPB
	Timber Decking - TD1/2
	Rubber Softfall - PAV3
	Astroturf - AST
*For Detail Profile	es Refer to 82000 Series
Wate	er Tap
Hydi Wate	ant er Pump
*Note: Sculptures	to Artwork Committe consultation.
lo be inst	Surface islat Dit
	Grated Drain
V1 Con V1A/B/C Colo	crete paving ur concrete paving - Dolomite/ Arctic/ Silver Colour
V2 Stor V3a/b/c Rub	e paver - Granite ber Softfall -EDPM
V4A Con V4B Con	necting Pathways-Timber Sleepers (in ground) necting Pathways-Stumps in ground
V4D Con V4E Con	necting Pathways-Balancing steepers necting Pathways-Recycled timber logs
V4F Con V4G Stan	necting Pathways-Stepping Stones nped Concrete
V5 Brick V6A/B Pres	A Pavement School - Colour Concrete Topping
V7A/B/C Pres bbles/Stone pavers	school - Stone Paving - Australian Bluestone Stone s/ Crazy Paving
ST Astro D2 Time	oturf per Composite Deck Type 2
11 Line	marking
ALLS AND FENCII 1 In-si	VG: tu Concrete Bleacher Walls 450mm Wide
1a In-si 1b In-si	tu Concrete seat with composite timber top itu Concrete wall/Seat 450mm wide
1c In-si 2 In-si	tu Concrete Wall/Seat with Cistern Access Hatch tu Concrete Bleacher Walls 900mm wide
4 San	dstone Wall
6 Land	y waii Jscape Brick Wall
	ess Ramp & Seatwall Garden
DG1 Com	iposite Timber Edge
DG3 San	dstone cobbles
NO2 Pres	chool Fence
EMENTS AND FU	RNITURE: rnal Litter Bin
NCH1 Ben Flag	ch Seat pole
RX1 Exte RX2 Exte	rnal Handrail - Double rnal Handrail - Single
R Fea /G Rais	ture Rock and Boulders ed Veggie Garden
Stair NP Wate	· Type 1 - Concrete Stairs er Tap
ר S Indig (Ref	jenous Planting Signage er to planting plans for location)
	:S: Jan profile on grade - 300MM
PB2 Gard PB3 Gard	Jen profile on structure Jen profile on structure
PB4 Gard	len profile on grade - above 500MM
wat	

	Е	10/8/2022	For Construction	AQL
	D	31/8/2021	For Construction	JRS
	С	20/8/2021	For Construction	MZ
	В	22/6/2021	IFC for Sign-off Issue	JRS
	А	31/5/2021	Final SINSW Review	MZ
-	rev	date	name	by k

Darlington Public School Golden Grove Street Darlington NSW 2008

tage 2	Scale
Valls and Edging	1:10 @ A1

Project Code DTPS

First Issued 31/5/2021

Rev

Sheet No. A-82021

For Construction

LOCK BRICK

CK - REFER ARCHITECT'S ERIOR FINISHES SCHEDULE

B AND REINFORCEMENT SUBJECT ENGINEER'S DETAIL

CRETE FOOTING GRADE











3 DETAIL EDG2 1:10 PAV1 TO PAV3

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0.1 0.2



General notes

- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
- All levels relative to 'Australian Height Datum'.
- Do not scale drawings. Use figured dimensions only.

Legend FOOTING PLACEMENT L___J SITE BOUNDARY EXTENT OF WORKS ----- 200- -Contours EX RL Existing Relative Level FFL Finished Floor Level (internal) Relative Level RL SSL Structural Slab Level TREE ID# Existing tree to be retained (Stage 2) TREE ID# Existing treeto be 1 8 1 removed (Stage 2) () Structural Root Zone ()Tree Protection Zone Proposed tree in Garden Bed Garden Bed - MPB Timber Decking - TD1/2 Rubber Softfall - PAV3 Astroturf - AST *For Detail Profiles Refer to 82000 Series Water Tap Hydrant Water Pump *Note: Sculptures to Artwork Committe consultation. To be installed at a later date. Surface inlet Pit \square Juction Pit Grated Drain PAVEMENT FINISHES: PAV1 Concrete paving

 PAV1A/B/C
 Colour concrete paving - Dolomite/ Arctic/ Silver Colour

 PAV2
 Stone paver - Granite

 PAV3a/b/c
 Rubber Softfall -EDPM

 Connecting Pathways-Timber Sleepers (in ground) Connecting Pathways-Stumps in ground PAV4A PAV4B PAV4D PAV4E Connecting Pathways-Balancing steepers Connecting Pathways-Recycled timber logs PAV4F PAV4G Connecting Pathways-Stepping Stones Stamped Concrete PAV5 Brick Pavement PAV6A/B Preschool - Colour Concrete Topping PAV7A/B/C Preschool - Stone Paving - Australian Bluestone Stone cobbles/Stone pavers/ Crazy Paving AST Astroturf TD2 Timber Composite Deck Type 2 LN1 Line marking WALLS AND FENCING: In-situ Concrete Bleacher Walls 450mm Wide W1 In-situ Concrete seat with composite timber top W1a In-situ Concrete wall/Seat 450mm wide W1b In-situ Concrete wall/Seat with Cistern Access Hatch W1c W2 In-situ Concrete Bleacher Walls 900mm wide W3 Entry Walls 600mm W4 Sandstone Wall W5 Entry Wall Landscape Brick Wall W6 Insitu Concrete Wall/Seat 300mm wide W7 Access Ramp & Seatwall Garden R1 Access Ramp to preschool R2 EDG1 Composite Timber Edge EDG2 EDG3 Concrete Edge Sandstone cobbles EDG4 FN02 Feature steel inlay to COLA Preschool Fence ELEMENTS AND FURNITURE: BIN1 External Litter Bi BNCH1 Bench Seat FP Flagpole External Litter Bin Flagpole HRX1 External Handrail - Double HRX2 External Handrail - Single FR Feature Rock and Boulders RVG Raised Veggie Garden Stair Type 1 - Concrete Stairs Water Tap S1 TAP Indigenous Planting Signage (Refer to planting plans for location) BTS
 PLANTING PROFILES:

 MPB1
 Garden profile on grade - 300MM

 MPB2
 Garden profile on structure
 MPB1 MPB2 MPB3 MPB4 MUL1 Garden profile on grade - 500MM Garden profile on grade - above 500MM Mulch

D	31/8/2021	For Construction	JRS	
С	20/8/2021	For Construction	MZ	
В	22/6/2021	IFC for Sign-off Issue	JRS	
А	31/5/2021	Final SINSW Review	MZ	
rev	date	name	by	ch k

Darlington Public School Golden Grove Street

Darlington NSW 2008 _____

Stage 2	Scale
Walls and Edging	1:10 @ A1
Project Code	First Issued
DTPS	31/5/2021

Sheet No. A-82022

Rev D

— PILE LAYER 19MM NOM. - IMPACT ABSORPTION LAYER

_ COMPACTED AGGREGATE SUB-BASE AS REQUIRED



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2 DETAIL MPB2 1:10 ON STRUCTURE



4 DETAIL MPB4 1:10







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EXISTING SUBGRADE

-SOIL TYPE A (IMPORTED GROWING MEDIA) -MARKER LAYÈR

FITTED SANDSTONE BOULDERS 300-400MM



MULCH



— MUL1
— SOIL TYPE A
— SOIL TYPE B
HYDROPHILIC FILTER FABRIC (WOVEN GEOTEXTILE) BONDED TO DRAINAGE LAYER
DRAINAGE CELL (TO SIDES AND BOTTOM OF PLANTER)
PROTECTION BOARD & WATERPROOFING TO ARCHITECT'S DETAIL

_ CONCRETE SLAB REFER STRUCTURAL ENGINEER'S DRAWINGS



3 DETAIL MPB3 1:10

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0 0.05 0.10

0.20m



General notes

- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
- All levels relative to 'Australian Height Datum'.
- Do not scale drawings. - Use figured dimensions only.

Legend				
L	FOOTING PLACEMENT			
	SITE BOUNDARY EXTENT OF WORKS			
- 200 EX RL	Contours Existing Relative Level			
FFL RL	Finished Floor Level (internal) Relative Level			
	Structural Slab Level Existing tree to be retained			
TREE ID#	(Stage 2) Existing treeto be			
	removed (Stage 2)			
()	Structural Root Zone Tree Protection Zone			
	Drangood trac in			
C C C C C C C C C C C C C C C C C C C	Garden Bed			
	Garden Bed - MPB			
	Timber Decking - TD1/2			
	Rubber Softfall - PAV3			
*For Datail Drofile	Astroturf - AST			
	r Top			
 Wate Hydra Wate 	r ap ant r Pump			
*Note: Sculptures To be insta	to Artwork Committe consultation. Iled at a later date.			
	Surface inlet Pit			
	Juction Pit			
	Grated Drain			
PAVEMENT FINISHES PAV1 Conc PAV1A/B/C Color	<u>5.</u> rete paving ır concrete paving - Dolomite/ Arctic/ Silver (Colour		
PAV2 Stone PAV3a/b/c Rubb	e paver - Granite per Softfall -EDPM	loioui		
PAV4A Conr PAV4B Conr	ecting Pathways-Timber Sleepers (in ground ecting Pathways-Stumps in ground	i)		
PAV4C Conr PAV4D Conr	ecting Pathways-Stone blocks, boulders ecting Pathways-Balancing steepers			
PAV4E Conr PAV4F Conr	ecting Pathways-Recycled timber logs			
PAV4G Conr PAV5 Brick	ecting Pathways-Paver with sandblasted par Pavement	ttern		
PAV6A/B Prese PAV7A/B/C Pres	chool - Colour Concrete Topping chool - Stone Paving - Australian Bluestone :	Stone		
cobbles/Stone pavers/ Crazy Paving AST Astroturf				
TD2TimbLN1Line	er Composite Deck Type 2 marking			
WALLS AND FENCING: W1 In-situ Concrete Bleacher Walls 450mm Wide				
W1a In-sit W1b In-sit	u Concrete seat with composite timber top u Concrete wall/Seat 450mm wide			
W1c In-sit W2 In-sit	u Concrete wall/Seat with Cistern Access Ha u Concrete Bleacher Walls 900mm wide	tch		
W3 Entry W4 Sand	r Walls 600mm Istone Wall			
W5 Entry W6 Land	Vall scape Brick Wall			
W7 Insitu R1 Acce	Concrete Wall/Seat 300mm wide ss Ramp & Seatwall Garden			
R2 Acce EDG1 Com	ss Ramp to preschool posite Timber Edge			
EDG2 Conc EDG3 Sand	stone cobbles			
EDG4 Featu FN02 Preso	the steel inlay to COLA			
ELEMENTS AND FUE BIN1 Exter BNCH1 Benc	RNITURE: nal Litter Bin h Seat			
FP Flagp HRX1 Exter	pole nal Handrail - Double			
HRX2 Exter FP Flag	nal Handrail - Single Pole			
RVGRaiseS1StairTAPWate	a veggie Garden Type 1 - Concrete Stairs r Tap			
PLANTING PROFILE	S: en profile on grade - 200MM			
MPB2 Gard	en profile on structure			
MPB3 Gard MPB4 Gard	en profile on grade - 500MM en profile on grade - above 500MM			
E 27/8/21 D 20/8/21	For Construction For Construction	MZ MZ		
C 22/6/21	IFC for Sign-off Issue	JRS		
B 14/5/21		BM		
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Project Code First Issued 15/6/20 DTPS Sheet No. Rev A-82030

For Construction



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2 DETAIL MPB2 1:10 ON STRUCTURE

5 DETAIL TREE IN GARDEN 1:20

— MUL1
— SOIL TYPE A
— SOIL TYPE B
HYDROPHILIC FILTER FABRIC (WOVEN GEOTEXTILE) BONDED TO DRAINAGE LAYER
DRAINAGE CELL (TO SIDES AND BOTTOM OF PLANTER)
PROTECTION BOARD & WATERPROOFING TO ARCHITECT'S DETAIL

MULCH

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0.1 0.2

0.5m

General notes

- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
- All levels relative to 'Australian Height Datum'.
- Do not scale drawings.

 Use figured 	dimensions only.	
Logond		
	FOOTING PLACEMENT	
<u> </u>	SITE BOUNDARY	
— 200- —	EXTENT OF WORKS	
EX RL	Existing Relative Level	
FFL RI	Finished Floor Level (internal) Relative Level	
SSL	Structural Slab Level	
TREE ID#	Existing tree to be retained	
TREE ID#		
	removed (Stage 2)	
()	Structural Root Zone	
(Tree Protection Zone	
	Proposed tree in	
C C C C C C C C C C C C C C C C C C C	Garden Bed	
	Garden Bed - MPB	
	Timber Decking - TD1/2	
	Rubber Softfall - PAV3	
	Astroturf - AST	
*For Detail Profile	s Refer to 82000 Series	
 Wate Hydr 	er Tap	
 Wate 	er Pump	
*Note: Sculptures To be insta	to Artwork Committe consultation. alled at a later date.	
	Surface inlet Pit	
	Juction Pit	
	Grated Drain	
PAVEMENT FINISHE	<u>S:</u>	
PAV1 Conc PAV1A/B/C Colou	ur concrete paving - Dolomite/ Arctic/ Silv	er Colour
PAVZ Stone	e baver - Granite	
PAV3a/b/c Rubb	per Softfall -EDPM	
PAV3a/b/c Rubb PAV4A Conr PAV4B Conr	ber Softfall -EDPM hecting Pathways-Timber Sleepers (in gro hecting Pathways-Stumps in ground	bund)
PAV3a/b/c Rubb PAV4A Conr PAV4B Conr PAV4D Conr PAV4E Conr PAV4E Conr	ber Softfall -EDPM necting Pathways-Timber Sleepers (in gro necting Pathways-Stumps in ground necting Pathways-Balancing steepers necting Pathways-Recycled timber logs necting Pathways-Recycled timber logs	bund)
PAV3a/b/c Rubb PAV4A Conr PAV4B Conr PAV4D Conr PAV4D Conr PAV4E Conr PAV4F Conr PAV4F Conr PAV4G Stam	ber Softfall -EDPM necting Pathways-Timber Sleepers (in gro necting Pathways-Stumps in ground necting Pathways-Balancing steepers necting Pathways-Recycled timber logs necting Pathways-Stepping Stones need Concrete Devement	bund)
PAV3a/b/c Rubb PAV4A Conr PAV4B Conr PAV4B Conr PAV4D Conr PAV4E Conr PAV4E Conr PAV4F Conr PAV4F Conr PAV4G Stam PAV5 Brick PAV6A/B Press PAV74/B/C Press	ber Softfall -EDPM hecting Pathways-Timber Sleepers (in ground hecting Pathways-Stumps in ground hecting Pathways-Balancing steepers hecting Pathways-Recycled timber logs hecting Pathways-Stepping Stones hecting Pathways-Stepping Stones	ound)
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PAV3a/b/c Rubb PAV4A Com PAV4B Com PAV4B Com PAV4B Com PAV4C Com PAV4F Com PAV4F Com PAV4F Com PAV4F Com PAV4F Com PAV4G Stam PAV5 Brick PAV6A/B Press PAV7A/B/C Press cobbles/Stone pavers? AST Astro TD2 Timb LN1 Line WALLS AND FENCIN W1 In-sit W1 In-sit W2 In-sit W3 Entry W4 Sand W5 Entry W6 Land W5 Entry W6 Land W5 Entry W6 In-sit W6	ber Softfall - EDPM hecting Pathways-Timber Sleepers (in gro- hecting Pathways-Stumps in ground hecting Pathways-Recycled timber logs hecting Pathways-Recycled timber logs hecting Pathways-Stepping Stones hecting Pathways-Stepping Stones het Stepping Stones het Stones het Stepping Stones het Stones het Stepping Stones het Stepping Stones het Stone	JRS MZ JRS MZ JRS

Darlington Public School Golden Grove Street

Darlington NSW 2008

Stage 2	Scale
Softscape	1:10 @ A1
Project Code	First Issued
DTPS	7/8/2020
Sheet No.	Rev
A-82031	E

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0.2	0.5	1.0m

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General notes

- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work. — All levels relative to 'Australian Height Datum'.
- Do not scale drawings.Use figured dimensions only.

egend_	FOOTING PLACEMENT
	SITE BOUNDARY
	EXTENT OF WORKS
- 200	Contours
EX RL FFL	Existing Relative Level Finished Floor Level (internal)
RL	Relative Level
	Structural Slab Level
V TREE	(Stage 2)
TREE	ID# Existing treeto be
*!	removed (Stage 2)
()	Structural Root Zone
$(\overline{})$	Tree Protection Zone
	Proposed tree in Garden Bed
	Garden Bed - MPB
57777777777777777777777777777777777777	Timber Decking - TD1/2
	Bubber Softfall - DAV/3
	Δetroturf - ΔST
*For Detail Pr	ofiles Refer to 82000 Series
• • • • • • • • • •	/ater Tap
e H	ydrant /ater Pump
*Note: Sculptu To be i	ures to Artwork Committe consultation. installed at a later date.
	Surface inlet Pit
	Juction Pit
AV1 C	Concrete paving Colour concrete paving - Dolomite/ Arctic/ Silver Colour
AV2 S	Stone paver - Granite Stone paver - Granite
AV4A (Connecting Pathways-Timber Sleepers (in ground)
AV4D (Connecting Pathways-Balancing steepers
AV4F	Connecting Pathways-Stepping Stones
AV5 E	Brick Pavement
AV6A/B F AV7A/B/C F	Preschool - Colour Concrete Topping Preschool - Stone Paving - Australian Bluestone Stone
ST A	Astroturf
N1 L	imber Composite Deck Type 2 ine marking
	ICING:
/1a li	n-situ Concrete seat with composite timber top
/1c	n-situ Concrete wall/Seat 450mm wide
/3 E	Entry Walls 600mm
/5 E	Entry Wall
17 li	nsitu Concrete Wall/Seat 300mm wide
2 A	Access Ramp & Seatwail Garden
DG1 ()	Concrete Edge
DG3 S DG4 F	Feature steel inlay to COLA
IN1 E	External Litter Bin
P F	Flagpole
RX2 E	External Handrall - Double
K F VG F	-eature Rock and Boulders Raised Veggie Garden
1 S AP V	stair Type 1 - Concrete Stairs Vater Tap
TS II (ndigenous Planting Signage Refer to planting plans for location)
LANTING PROF	ILES:
IPB1 (Jarden profile on grade - 300MM Garden profile on structure
IPB3 (1) IPB4 (1)	Garden profile on grade - 500MM Garden profile on grade - above 500MM
IUL1 N	<i>/ulch</i>

С	10/8/2022	For Construction	AQL
В	31/8/2021	For Construction	JRS
А	20/8/2021	For Construction	MZ
rev	date	name	by ch k

Darlington Public School Golden Grove Street

Darlington NSW 2008

Stage 2 External Stairs and Ramps

Scale 1:20 @ A1

Rev

С

First Issued 20/8/2021

Sheet No. A-82043

Project Code DTPS

For Construction

© FRANCIS-JONES MOREHEN THORP PTY LTD 2022 ABN 28 101 197 219 NOMINATED ARCHITECTS: RICHARD FRANCIS-JONES 5301 ELIZABETH CARPENTER 6141

01	26/11/2021	For Construction	AQL
rev	date	name	by ch k
Darl	ington P	ublic School	
Darli	ington NS	SW 2008	
Stag	je 2		Scale

Garden profile on structure Garden profile on grade - 500MM Garden profile on grade - above 500MM

Mulch

DTPS _____

Scale External Stairs and Ramps 1:20 @ A1

Project Code First Issued 26/11/2021 Sheet No. Rev A-82044 01

For Construction

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0 0.2 0.5 1.0m \bigcirc

General notes

- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work. — All levels relative to 'Australian Height Datum'.
- Do not scale drawings.
- Use figured dimensions only.

Legend_	
LJ	
	SITE BOUNDARY EXTENT OF WORKS
- 200	Contours
EX RL	Existing Relative Level
FFL	Finished Floor Level (internal)
SSL	Structural Slab Level
	E ID# Existing tree to be retained
(Z)	(Stage 2)
TRE	Existing treeto be
	removed (Stage 2)
()	Structural Root Zone
()	Tree Protection Zone
· ·	Proposed tree in Garden Bed
	Garden Bed - MPB
	Timber Decking - TD1/2
	Rubber Softfall - PAV3
	Astroturf - AST
*For Detail P	
	Natar Tan
- V - H	Hydrant
<u> </u>	Nater Pump
*Note: Sculp To be	tures to Artwork Committe consultation. e installed at a later date.
	Surface inlet Pit
	Juction Pit
	Grated Drain
PAVEMENT FIN	ISHES:
PAV1A/B/C	Colour concrete paving - Dolomite/ Arctic/ Silver Colour
PAV2 PAV3a/b/c	Rubber Softfall -EDPM
PAV4A PAV4B	Connecting Pathways-Timber Sleepers (in ground) Connecting Pathways-Stumps in ground
PAV4D PAV4E	Connecting Pathways-Balancing steepers Connecting Pathways-Recycled timber logs
PAV4F	Connecting Pathways-Stepping Stones
PAV4G PAV5	Brick Pavement
PAV6A/B PAV7A/B/C	Preschool - Colour Concrete Topping Preschool - Stone Paving - Australian Bluestone Stone
cobbles/Stone pa	avers/ Crazy Paving Astroturf
TD2 LN1	Timber Composite Deck Type 2 Line marking
WALLS AND FE	NCING:
W1 W1a	In-situ Concrete Bleacher Walls 450mm Wide
W1b	In-situ Concrete wall/Seat 450mm wide
W1C W2	In-situ Concrete Wall/Seat With Cistern Access Hatch
W3 W4	Entry Walls 600mm Sandstone Wall
W5 W6	Entry Wall Landscape Brick Wall
W7 R1	Insitu Concrete Wall/Seat 300mm wide
R2	Access Ramp to preschool
EDG1 EDG2	Composite Timber Edge Concrete Edge
EDG3 EDG4	Sandstone cobbles Feature steel inlav to COLA
FN02	Preschool Fence
ELEMENTS ANI BIN1	D FURNITURE: External Litter Bin
BNCH1 FP	Bench Seat
HRX1	External Handrail - Double
FR	External Handrall - Single Feature Rock and Boulders
RVG S1	Raised Veggie Garden Stair Type 1 - Concrete Stairs
TAP BTS	Water Tap Indigenous Planting Signage
2.0	(Refer to planting plans for location)
	FILES:
MPB2	Garden profile on structure
MPB3 MPB4	Garden profile on grade - 500MM Garden profile on grade - above 500MM
MUL1	Mulch

В	10/8/2022	For Construction	AQL		
А	31/8/2021	For Construction	JRS	_	
rev	date	name	by ch k	_	
Darlington Public School					
Gold	en Grove	Street			

Darlington NSW 2008 Stage 2

Stage 2	Scale
External Stairs and Ramps	1:20 @ A1

Project Code First Issued DTPS 31/8/2021 Rev

Sheet No. A-82045

B

3 SECTION 1:20

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General notes

 All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.

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- All levels relative to 'Australian Height Datum'.
- Do not scale drawings. Use figured dimensions only.

Lowond	
Legena_	FOOTING PLACEMENT
	SITE BOUNDARY
	EXTENT OF WORKS
— 200 — —	Contours
EX RL	Existing Relative Level
RL	Relative Level
SSL	Structural Slab Level
TREE ID#	Existing tree to be retained (Stage 2)
TREE ID#	Existing treeto be removed (Stage 2)
()	Structural Root Zone
()	Tree Protection Zone
· ·	Proposed tree in Garden Bed
	Garden Bed - MPB
	Timber Decking - TD1/2
	Rubber Softfall - PAV3
	Astroturf - AST
*For Detail Profile	es Refer to 82000 Series
- Wate	er Tap
Hydi	rant ar Pump
*Noto: Soulpturos	
To be inst	alled at a later date.
	Surface inlet Pit
	Juction Pit
	Grated Drain
PAVEMENT FINISHE PAV1 Cond	S: crete paving
PAV1A/B/C Colo PAV2 Stor	ur concrete paving - Dolomite/ Arctic/ Silver Colour e paver - Granite
PAV3a/b/c Rub PAV4A Con	ber Softfall -EDPM necting Pathways-Timber Sleepers (in ground)
PAV4B Con PAV4D Con	necting Pathways-Stumps in ground
PAV4E Con	necting Pathways Recycled timber logs
PAV4G Stan	nped Concrete
PAV5 Brick	chool - Colour Concrete Topping
cobbles/Stone pavers	school - Stone Paving - Australian Bluestone Stone / Crazy Paving
AST Astro TD2 Timb	oturf per Composite Deck Type 2
LN1 Line	marking
WALLS AND FENCI W1 In-si	NG: tu Concrete Bleacher Walls 450mm Wide
W1a In-si W1b In-si	tu Concrete seat with composite timber top
W1c In-si W2 In-si	tu Concrete wall/Seat with Cistern Access Hatch
W3 Entr	y Walls 600mm
W5 Entr	y Wall
W7 Insit	u Concrete Wall/Seat 300mm wide
R1 Acce	ess Ramp & Seatwall Garden
EDG1 Com EDG2 Con	iposite Timber Edge crete Edge
EDG3 San EDG4 Feat	dstone cobbles ure steel inlay to COLA
FN02 Pres	chool Fence
ELEMENTS AND FU BIN1 Exte	RNITURE: rnal Litter Bin
BNCH1 Ben FP Flag	ch Seat pole
HRX1 Exte	rnal Handrail - Double rnal Handrail - Single
FR Fea	ture Rock and Boulders
S1 Stail	Type 1 - Concrete Stairs
BTS Indig	jenous Planting Signage er to planting plans for location)
	or to proming prono for location()
PLANTING PROFILE	S:
MPB1 Gard	: <u>S:</u> Jen profile on grade - 300MM Jen profile on structure
PLANTING PROFILE MPB1 Gard MPB2 Gard MPB3 Gard MPB4 Corr	ES: Jen profile on grade - 300MM Jen profile on grade - 500MM Jen profile on grade - shous 500MM
PLANTING PROFILE MPB1 Gard MPB2 Gard MPB3 Gard MPB4 Gard MUL1 Muld	:S: den profile on grade - 300MM den profile on structure den profile on grade - 500MM den profile on grade - above 500MM ch

	F	31/10/2022	For Construction	JCB	
	E	10/8/2022	For Construction	AQL	
	D	31/8/2021	For Construction	JRS	
	С	20/8/2021	For Construction	ΜZ	
	В	22/6/2021	IFC for Sign-off Issue	JRS	
-	А	31/5/2021	Final SINSW Review	MZ	
	rev	date	name	by	ch k

Darlington Public School Golden Grove Street

Darlington NSW 2008

Sheet No.

A-82052

Stage 2	Scale		
Furniture and Structures	1:10 @ A1		
Project Code	First Issued		
DTPS	31/5/2021		

RS DETAIL	TD1 AS SPECIFIED	NE OUT
	· · · · · · · · · · · · · · · · · · ·	SS COUNTERSUNK - FIXING FOR REMOVABLE PANEL
		_ FIXING JOIST TO ENGINEERS DETAIL - TD1 AS SPECIFIED
		- SS SCREW COUNTERSUNK

For Construction

Rev


-5 x Westringia fruticosa

-4 x Eriostemon myoporoides

——3 x Westringia fruticosa

2 x Doryanthes excelsa

-----2 x Doryanthes excelsa

-3 x Westringia fruticosa

__34 x Acmena Smithii

(1 plant each 1 LM staggered)

-7 x Westringia fruticosa

ndersia australis	
i calyptus piperita zigium australe	
orrea alba	
plenium nidus bichondra repens fiola hederacea omandra longlifolia	
Vestringia Zena	
ryanthes excelsa	
.iriope muscari "Isabella" zigium wilsonii	
omandra little_con	
zigium australe	
plenium nidus	
estringia Zena	
zigium wilsonii	

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0 1 2 5m



General notes

- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
- All levels relative to 'Australian Height Datum'.
- Do not scale drawings.
- Use figured dimensions only.

Legend

- 200- -EX RL FFL RL SSL

SITE BOUNDARY EXTENT OF WORKS Contours Existing Relative Level Finished Floor Level (internal) Relative Level Structural Slab Level

FOOTING PLACEMENT

BOTANICAL NAME Drought resistant species

	G	10/1/2023	For Construction	MZ	
	F	21/2/2022	For Construction	AQL	
	Е	10/9/2021	For Construction	MZ	
	D	31/8/2021	For Construction	JRS	
	С	22/6/2021	IFC for Sign-off Issue	JRS	
	В	31/5/2021	Final SINSW Review	MZ	
	А	7/4/2021	SINSW Preliminary Review 95%	MM G	
-	rev	date	name	by	ch k

Darlington Public School Golden Grove Street Darlington NSW 2008

Stage 2	Scale
Planting Plan - ZONE 2	1:100 @ A1
Project Code	First Issued
DTPS	7/4/2021

Sheet No. A-83002

Rev



PLANTING SIGNAGE BY ARTIST REFER DETAILS ON A82053

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General notes

- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
- All levels relative to 'Australian Height Datum'.
- Do not scale drawings. - Use figured dimensions only.

Legend r----L____]

- 200- -

EX RL

FFL

RL

FOOTING PLACEMENT SITE BOUNDARY EXTENT OF WORKS Contours Existing Relative Level Finished Floor Level (internal) Relative Level

SSL Structural Slab Level BOTANICAL NAME Drought resistant species

	10/1/0002	For Construction	M7	
	21/10/0000	For Construction		
	01/0/2022	For Construction	JCB	
G	21/2/2022	For Construction	AUL	
F	26/11/2021	For Construction	AQL	
E	10/9/2021	For Construction	MZ	
D	31/8/2021	For Construction	JRS	
C	22/6/2021	IFC for Sign-off	IRS	
	22/0/2021	Issue	0100	
в	21/5/0001	Final SINSW	MZ	
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Darlington Public School Golden Grove Street Darlington NSW 2008

Stage 2	Scale
Planting Plan - ZONE 3	1:100 @ A1
Project Code	First Issued
DTPS	7/4/2021

Sheet No. A-83003

For Construction

Rev



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fjmtstudio



General notes

- All dimensions and existing conditions shall be checked and verified by the contractor before proceeding with the work.
- All levels relative to 'Australian Height Datum'.
- Do not scale drawings.Use figured dimensions only.

Legend

r	
ij	FOOTING PLACEMENT
·	SITE BOUNDARY
	EXTENT OF WORKS
— 200— —	Contours
EX RL	Existing Relative Level
FFL	Finished Floor Level (internal
RL	Relative Level
SSL	Structural Slab Level
BOTANICAL NAME	Drought resistant species
	-

Н	10/1/2023	For Construction	MZ
G	30/5/2022	For Construction	AQL
F	21/2/2022	For Construction	AQL
Е	10/9/2021	For Construction	MZ
D	31/8/2021	For Construction	JRS
С	22/6/2021	IFC for Sign-off Issue	JRS
В	31/5/2021	Final SINSW Review	MZ
А	7/4/2021	SINSW Preliminary Review 95%	MM G
rev	date	name	by ch k

Darlington Public School Golden Grove Street Darlington NSW 2008

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Stage 2	Scale
Planting Plan - ZONE 4	1:100 @ A1
Project Code	First Issued
DTPS	7/4/2021
Sheet No.	Rev
A-83004	Н





2.2

APPENDIX B - TREE CANOPY COMPARISON

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AREA OF TREE CANOPY PRE-DEVELOPMENT : 4335m²

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DARLINGTON PUBLIC SCHOOL

TREE CANOPY COMPARISON

AREA OF TREE CANOPY POST-DEVELOPMENT : 4520m²



GENERAL NOTES

- ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.
- ALL LEVELS RELATIVE TO 'AUSTRALIAN HEIGHT DATUM'. o DO NOT SCALE DRAWINGS. USE FIGURED DIMENSIONS ONLY.

legend

01	15/02/2022	FOR INFORMATION	١	MZ	
rev	date	name		by	chk



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project

title

DTPS

Darlington Public School Golden Grove Street Darlington NSW 2008

Tree Canopy - Comparison

scale Not to Scale

first issued 26/11/2021

project code sheet no. X-80000

01

revision

Darlington Public School SSDA Condition C23



2.3 APPENDIX C - TREES RETENTION TABLE

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SSDA Trees	Tree Photo (where possible)	Species	Remove/ Retain	Category for Removal	Justification if removed		Diagram	Incursion if reta	ained (%)
Tree					Design	Arborist		into TPZ	into SRZ
1		Broad leaved paperbark (Melaleuca quinquenervia)	Remove	FUNCTIONALITY (SITE AND EMERGENCY ACCESS)	Trees 1 and 2 are proposed to be removed due to changes to existing levels to meet overland flow requirements due to existing flooding on site and provision of a new accessible pedestrian entry, and vehicular entry including emergency vehicle access. To retain these paperbark trees a new raised planter would be required due to the change in level (approx. 500+mm). In accordance with the Arborist requirements, the size of the planter is to align with the TPZ. The combined TPZ will protrude into the new footpath zone and is the full width of the entry way (refer diagram). The accessible entry can't be relocated to the east of this planter (as the footpath levels become lower, resulting in a non-compliant pathway) The accessible entry can't be relocated to the west of this planter as the planter blocks the connection to the 1:20 graded pathways.	Changes to existing levels and new accessible pedestrian entry.		-	-
2		Broad leaved paperbark (Melaleuca quinquenervia)	Remove		Due to the above, it is not possible for Trees 1 and 2 to be retained.			-	-
4		Cabbage tree palm (Livistona australis)	Remove	PREFERENCE TO REMOVE (FUNCTIONALITY OF RECREATIONAL PLAY SPACE)	This tree was recommended for removal, to create an open run around area as requested by the school leadership. Due to changes to existing levels to create a level surface Astroturf kick about zone, retention would mean that a raised planter bed would be required. It is our preference to maintain the run around area, however if deemed necessary this tree can be retained. As the Cabbage Tree palm does have some substantial spikes to its base, the garden bed will provide some protection. Retaining this tree will result in loss of play space. This tree does not have a significant canopy size and would not provide significant shading. Replacement is recommended. Also refer Arborist analysis of tree health following removal of concrete.	I am not so confident retaining Trees 4 and 5. As shown in the images the roots are likely to have grown into and around the existing concrete surface so removing this concrete will result in a degree of root loss that will be hard to quantify.		-	-
5	5	Swamp mahogany (Eucalyptus robusta)	Remove	PREFERENCE TO REMOVE (FUNCTIONALITY OF RECREATIONAL PLAY SPACE)	This tree was recommended for removal, to create an open run around area as requested by the school leadership. Due to changes to levels to create a level surface Astroturf kick about zone, retention would mean that a raised planter bed would be required. It is our preference to maintain the run around area, however if deemed necessary this tree can be retained and the play space reduced. It should be noted that the NSW Department of Education requires 10m2 of recreational play space per student, therefore any reduction is not preferred as the play space calculations are currently on the cusp of 10sqm per student. Also refer Arborist analysis of tree health following removal of concrete.			-	-
6		Brushbox (Lophostemon confertus)	RETAIN		-	-		12%	o
7		Coastal banksia (Banksia integrifolia)	Remove		Changes to levels to create new accessible entry path, and grading to deliver the overall overland flowpath result in 2m difference in height between the adjacent COLA and the existing soil level for T7 & T8. If they were to be retained, a retaining wall to retain 2m of soil would be required and the trees would be 2 meters below the COLA level and 1m below the eastern foot path level. Retention is not recommended due to the extreme level differences.	Changes to levels to create new accessible entry path.		-	-
8		Swamp mahogany (Eucalyptus robusta)	Remove					-	-

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						1		·
9	Hiver she oak (Casuarina cunninghamiana)	Hemove	ACCESSIBILITY	Maintenance issues were raised by the school due to pine needles. The needles can also can cause slip hazard. It was suggested that a non slip surface could be used, however the concern is that a higher slip rating will not assist as the needles will form a layer over the ramp's surface. The ramp has been designed to be compliant, with a slip rating of R11. T9 and T10 are located on the edge of a brick retaining wall and pavement which are to be removed in the design. Accessible Pathway T9 is located in the path of new accessible entry pathway. The length of the path is critical as it delivers the compliant grades for wheelchair access. A number of options were tested to locate the accessible path. The current alignment represents the shortest, most direct route, with the boardwalk crossing the TPZ of trees to be retained. We tried to move the boardwalk but it either moved too close to the nature play area, creating a low narrow and unusable space or created an overly circuitous connection.	Not large or significant tree 9-15 could all be retained due to the dense bonded root mass. Removing the wall near 9 and 12 would be OK.			
10	River she oak (Casuarina cunninghamiana)	RETAIN IF POSSIBLE (subject to retaining wall removal / assessment on site)	ACCESSIBILITY & FUNCTIONALITY	 T10 and T11 are located on the edge of a brick retaining wall and pavement which are to be removed in the design. We have concern over the stability of the trees once the wall is removed. The landscape has been designed around T12 to include sandstone steps and boulders to assist in maintaining existing levels. Work in this area is to be undertaken under Arborist supervision. If T10 & 11 can be retained they can be accommodated in the garden. 	Not large or significant tree.		-	-
11	River she oak (Casuarina cunninghamiana)	RETAIN IF POSSIBLE (subject to retaining wall removal / assessment on site)	ARBORIST		Not large or significant tree.		-	-
12	River she oak (Casuarina cunninghamiana)	RETAIN		This species has been retained to provide a reference for the Flora of the Blackwattle Creek riparian zone. The She-Qak 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 most part) are intended to fall into the play space - opportunity for learning environment and Nature Play. T12 is located on the edge of a brick retaining wall and pavement which are to be removed in the design. It's possible that T12 can be retained as it is set back from the wall. It is noted on the SSDA as subject to Arborist's review.	-		<15% These trees have been growing in a restricted root area and will not have the typical broad	0
13	Tallowwood (Eucalyptus microcorys)	RETAIN		-	-		spreading root plate of a normal tree. This	0
14	Tallowwood (Eucalyptus microcorys)	RETAIN		-	-		4 of these trees	0
15	Tallowwood (Eucalyptus microcorys)	RETAIN		-	-			0
16	sinuatus)	nemove	PREFERENCE TO REMOVE (FUNCTIONALITY OF SAFETY OF PLAY SPACE)	The rever of the adjacent accessible loopan is Thin higher than the existing levels at the base of the tree. The pathway can't be relocated to the west as it would impact Tree11 by cutting through its TPZ & SRZ and possibly result in its failure. To retain the tree, there are to be no changes to the soil levels in the TPZ which would require a 1m high retaining wall as well as a balustrade for safety - a compromise to the design that is not in keeping with the size of the tree. Preference would be to replace with a large size new tree. Refer Arborist comment.	alternate, more suitable planting.			

17		Illawarra flame tree (Brachychiton acerifolius)	RETAIN	The garden can be adjusted /extended to retain this tree	Retaining this tree will result in loss of play space. This tree does not have a significant canopy size, recommend replacement.	Small tree and could be readily replaced with alternate, more suitable planting.	TBC	TBC
18		Lemon-scented gum tree (Corymbia citriodora)	RETAIN		-	-	<10%	0
19		Bangalow palm (Archontophoenix cunninghamiana)	RETAIN	The garden can be adjusted /extended to retain this tree	Retaining this tree will result in loss of play space. This tree does not have a significant canopy size, recommend replacement.	Could be replaced with a better species to suit area. Minimal canopy cover and shade provision from this tree. It is located on the eastern boundary of the site so shade to the school is limited. A visual barrier between the the school and the adjoining Uni buildings and larger more dense tree species could be selected.	-	-
26		Kaffir plum (Harpephyllum caffrum)	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	Removal of trees due to requested increased footprint. Replacement trees being provided	-	-
27		Kaffir plum (Harpephyllum caffrum)	Remove		existing building. This also enables the pattern of urban form along the streetscape to be reinforced.	with net increase to canopy.	-	-
28		River she oak (Casuarina cunninghamiana)	Remove		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		-	-
29	A subscription of the second	Black bean (Castanospermum australe)	Remove	FOOTPRINT	the need for extensive fencing.		-	-
30		caffrum)	Remove	-	This direction was supported and recommended by GANSW during the masterplanning phase.		-	-
31		scoparia)	Tiomove		Retaining these trees would result in a linear pocket of playground between the proposed and existing building with poor sightlines for supervision.			
32		Mulberry (Morus nigra)	Remove	ARBORICULTURAL Codominant stems with partial decay occurring between the two main stems SULE Category 2c: removed for more suitable planting	Tree recommended for removal due to poor health. Refer Arborist justification.	Tree is splitting between stems. Is a classic example of a tree with codominat stems. The angle of both stems will increase with weight placing tension within the main union. Decay is already present in this union. For the life expectancy of the school project in relation to the life expectancy of this tree it is a chance to replace with a native species.	-	-
47		Spotted gum (Corymbia maculata)	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	Removal of trees due to requested increased footprint. Replacement trees being provided	-	-
48	First Same Face From State State	Sydney blue gum (Eucalyptus saligna)	Remove	BUILDING FOOTPRINT	Ine 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 learning spaces, 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. A secondary concern of the School Leadership group is that currently due to the occurrence of limb shedding, the students are not allowed in the play grounds on windy days. The central stair cannot be relocated to avoid this tree. Moving the stair 9 to 10m north would result in non-compliant egress distances and the stair cannot be moved south of the library as it would impede access.	with net increase to canopy. Large mature tree with broad spreading canopy will be exposed to new wind forces once Tree 47 is removed. The TPZ for this tree is almost a 15m radius. Due to the age and size of this tree i would not be recommending an incursion of more than 15% at the most so that this old tree remains viable. The other issue will be the change in surface hydrology that the tree will be become accustomed to over the last 20-30 years.	-	-
52		Unknown Tallowwood (Eucalyptus	Remove 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		-	-
53 54		microcorys) Trident maple (Acer sp)	Remove	BUILDING FOOTPRINT	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 upper projected because the player and the location of the library location.		-	-
55		Water gum (Tristaniopsis Iaurina)	Remove		incompatible with the topography of the site.		-	-
56		Sweetgum (Liquidambar styraciflua)	RETAIN				 Street tree, no incursions.	

26.10.2020 Rev 02

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57		Sweetgum (Liquidambar	RETAIN		-	-		Street tree, no incursions	S.
58		Sweetgum (Liquidambar	RETAIN		-	-	{	Street tree, no incursion:	S.
59		Brushbox (Lophostemon	RETAIN		-	-		Street tree, no incursion	S.
60		Tallowwood (Eucalyptus	RETAIN		-	-		Street tree, no incursion	S.
61		microcorys) Tallowwood (Eucalyptus	RETAIN		-	-		Street tree, no incursion	S.
01		microcorys) Evergreen Ash (Fraxinus	RETAIN		-	-		Street tree, no incursion	s.
62		griffithii) Evergreen Ash (Fraxinus	RETAIN		-	-		Street tree, no incursion	s.
63		griffithii) Brushbox (Lophostemon	RETAIN		-	-		No incursion.	-
64		confertus)	RETAIN					No incursion	
65		confertus)	DETAIN					No incursion.	
66		griffithii)	DETAIN		-	-		No incursion.	
67		griffithii)	REIAIN		-	-		No incursion.	
68		Tallowwood (Eucalyptus microcorys)	RETAIN		-	-		No incursion.	
DA Trees	Tree Photo (where possible)	Species	Remove/ Betain	Category for Removal	Justification for Removal			Incursion if r	etained
Tree		Species	Remove/Retain	1	Design	Arborist		into TPZ	into SRZ
20		Lemon-scented gum tree (Corvmbia citriodora)	Remove		The installation of the Multisport Court will require these trees to be removed and 600-800mm of imported fill to be installed.			-	-
21	All and a second second	Sydney blue gum (Eucalyptus saligna)	Remove	-	Providing a full size multi-court to a school of 415 students is a brief requirement and provides high quality amenity for outdoor play for a school of this size. The court has been			-	-
22	a start and and	Sydney blue gum (Eucalyptus saligna)	Remove	-	oriented north-south in order to allow adequate space adjacent to the preschool to meet the NSW Childcare Planning Guideline requirement for external playspace.			-	-
23		No Value	Remove	-	enable all students to remain on the site during construction period. It is preferable to provide a staged solution to a school redevelopment, so that any funds required for releasting to an enterpretive and period.	Removal of trees due to requested increased	Removal of trees due to requested increased	-	-
24	24 25	Spotted gum (Corymbia maculata)	Remove	GAMES COURT	relocation to an alternative site can be used for the new school.	footprint. Replacement trees being provided with net increase to canopy.		-	-
		Lone Pine (Pinus brutia)	Remove	-	street wall response to the urban context and the overland flow path, alternative locations for the games court were ruled out.			-	-
25					A number of configurations for the school were explored and tested during concept design - the north south layout met the topographical constraints, maximised solar access (to the playground and the school) and delivered a secure perimeter. Through this process, it become clear that only 1 location for the games court was possible.				
33		Sydney blue gum (Eucalyptus saligna)	Remove	ACCESSIBILITY RAMP	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 and the health of the tree will be compromised. Other options to provide accessible ramp to this area were considered however resulted in greater impact on existing trees.	Level change at base of tree due to new accessible ramp		-	-
34		Sydney blue gum (Eucalyptus saligna)	Remove	ARBORICULTURAL Asymmetrical canopy to the south suppressed specimen SULE Category 2c: removed for more suitable planting	Refer Arborist justification.	Smaller suppressed specimen which will never reach full potential.		-	-
35		Sydney blue gum (Eucalyptus saligna)	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	-		27%	0
36		Sydney blue gum (Eucalyptus saligna)	RETAIN		excavation and additional impacts to tree health.	-		25%	0

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37	Sydney blue gum (Eucalyptus saligna)	RETAIN		improve conditions and tree health.	-	23%	0
38	Sydney blue gum (Eucalyptus saligna)	RETAIN		It's proposed that work in these areas will be by hand or under the supervision of the arborist.	-	23%	0
39	Sydney blue gum (Eucalyptus saligna)	RETAIN			-	13%	0
40	Liquidambar (Liquidambar styraciflua)	Remove	ARBORICULTURAL			-	-
41	Liquidambar (Liquidambar styraciflua)	Remove	Suppressed by larger trees	Refer Arborist justification	Smaller suppressed specimens will never	-	-
42	Liquidambar (Liquidambar styraciflua)	Remove			reach fuil polentiai	-	-
43	Cupresses sp.	Remove				-	-
44	Sydney blue gum (Eucalyptus saligna)	RETAIN		-	Note: existing wall to be removed and replaced with garden bed for this tree.	7%	0
45	Sydney blue gum (Eucalyptus saligna)	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.	Note: existing wall to be removed and replaced with garden bed for these 2 trees.	22%	0
46	Spotted gum (Corymbia maculata)	RETAIN		It is proposed that work in these areas will be by hand or under the supervision of the arborist.		21%	0
49	Broad leaved paperbark (Melaleuca quinquenervia)	Remove		The installation of the Multisport Court and its connecting paths will require these trees to be removed and 600-800mm imported fill to be installed.		-	-
50	Illawarra flame tree (Brachychiton acerifolius)	Remove		Providing a full size multi-court to a school of 415 students is a brief requirement and provides high quality amenity for outdoor play for a school of this size. The court has been provided with poulting and the played of the provided school to be accessed t		-	-
51	Hymenosporum flavum	Remove	Building Footprint	the NSW Childcare Planning Guideline requirement for external playspace. Due to the topography of the site and the overland flow path, alternative locations for the games court were ruled out. Note: Although tree 50 does not sit within the zone of the proposed Multisport Court, it is adjacent to an existing wall that is required to be removed to enable construction of the court and access stair and pathway. Removal of this wall adjacent to the tree will result in a 1 m vertical level difference over a distance of 7m, exposing the roots in the TPZ. The tree is also in close proximity to the proposed library and cannot be retained.	Removal of trees due to requested increased footprint. Replacement trees being provided with net increase to canopy.	-	-

26.10.2020 Rev 02

Darlington Public School SSDA Condition C23



APPENDIX D -2.4 DARLINGTON PUBLIC SCHOOL ARBORIST REPORT

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ABN 90887347745

Arboricultural Impact Assessment Report

DARLINGTON PUBLIC SCHOOL October 2020 FINAL







Registered Consultant

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Prepared by: Paul Vezgoff Consulting Arborist ISA / Arboriculture Australia Registered Consultant

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1 INTRODUCTION

1.1 This Arboricultural Impact Assessment (AIA) has been conducted to assess impacts to the subject trees at Darlington Public School, Golden Grove St, Chippendale NSW 2008 (Diagram 1). This Report has been prepared for the proposed development works as a submission through two separate approval processes being State Significant Development (SSD), identified in the State and Regional Development SEPP, and the Local Council Development Application (DA) process.

This Report has been prepared for Darlington Public School c/o Mace Australia Pty Limited as specified by the Department of Planning Industry & Environment in their letter dated 2/10/2020, requesting an Arboricultural Impact Assessment Report for the entire site to determine the cumulative impact of all tree removal proposed. This Report has been prepared by a qualified AQF Level 5 Consulting Arborist, and the report has been prepared referencing AS4970.

- **1.2** The purpose of this report is to collect the appropriate tree related data on the subject trees and to provide advice on the categorization of the site trees in order to assist in potential design layouts.
- 1.3 This AIA follows the requirements for Consulting Arborists reporting to CoS as detailed in 8.2.1 Arboricultural Impact Assessment Report of Schedule 8 of the Sydney Development Control Plan 2012.
- **1.4** This report also contains the following information for this Impact Assessment requirement:-
- a) Reviewing the Architectural Drawings and assessing the potential impact of the proposed development on existing trees to be retained, including assessment of any proposed incursions to the canopy and/or root zone;
- b) Advising the client if further investigations, such as root investigations or internal diagnostic testing is required;
- c) Recommending modifications to the design or construction methods where appropriate to minimise adverse impact on trees considered worthy of retention including recommended setbacks or other measures to avoid adverse impacts;

- d) Preparing a plan showing the trees to be removed and retained together with their respective identification number based on the site survey;
- e) Providing generic recommendations for tree protection measures to ensure the retention of healthy trees as appropriate ; and
- 1.5 The site: The subject site is known as Darlington Public School, Golden Grove St, Chippendale NSW 2008 (Diagram 1). The site area, including tree numbering, can be seen in the Tree Impact Plan (Appendix 1). The site is located at Darlington Public School, known as Lot 592 in DP 752049 and Lot 100 in DP 623500. The proposed development site from herein will be referred to as "the Site".



Diagram 1: Location of subject site, Darlington Public School (Red arrow) (whereis.com.au, 2020)

1.6 Documents and information provided: Tree Retention Study undertaken by Fjmt marked Rev 1 dated 8/10/2020; Architectural Masterplan Report by Fjmt Studio for SSDA; and Tree Management Plan by Fjmt Studio, reference sheet #8200 Rev 02 dated 21/5/2020. This AIA Report has been assessed against these plans.

1.7 The Site trees: The appropriate tree related data was collected on the subject trees concerning their health and condition. This tree data for the site trees can be seen in Appendix 2 (Tree Health and Condition Schedule). The subject trees were also part of a categorization process that rated them into a high, medium or low retention rating.

The Tree Significance & Retention Value used in this Report is known as the Significance of a Tree Assessment Rating System, or STARS© system, created by the Australian Institute of Consulting Arboriculturists (IACA). As noted by IACA, this system is a free to use system by Arboriculturists, as at the date of this report. This system allows a rating system utilising structured qualitative criteria to assist in determining the retention value for a tree. To assist this process all definitions for terms used in the *Tree Significance - Assessment Criteria* and *Tree Retention Value - Priority Matrix*, are taken from the IACA Dictionary for Managing Trees in Urban Environments (Draper and Richards 2009). The system uses a scale of *High, Medium and Low significance* in the landscape. Once the landscape significance of an individual tree has been defined, the retention value can be determined. The Retention Value is selected between *High, Medium, Low and Priority for removal*.

All of the site trees are protected under Clause 3.5.3 Tree Management (CoS DCP 2012).

1.8 The Proposed Works: The proposed works entail expanding the school's capacity for increased student numbers in the catchment area. The proposed works include demolition of all existing buildings and construction of multi-story buildings, a new ball court and landscaping throughout the school property.

2 METHODOLOGY

- 2.1 To record the health and condition of the trees, an initial Visual Tree Assessment (VTA) was undertaken on the subject trees on the 15th October 2018. This method of tree evaluation is adapted from Matheny and Clark, 1994 and is recognised by The International Society of Arboriculture. Individual tree assessments are listed in Appendix 2 in tabulated format. All inspections were undertaken from the ground. No diagnostic devices were used on these trees.
- **2.2 Tree Protection Zone (TPZ):** The TPZ is the principal means of protecting trees on development sites. The TPZ is a combination of the root area and crown area requiring protection. It is an area isolated from construction disturbance, so that the tree remains viable. TPZ's have been calculated for the site trees. The TPZ calculation is based on the Australian Standard *Protection of trees on development sites*, AS 4970, 2009. The Tree Protection Zones are shown in the *Tree Impact Plan* (Appendix 1)
- **2.3 Structural Root Zone (SRZ)**: The SRZ is a specified distance measured from the trunk that is set aside for the protection of tree roots, both structural and fibrous. The woody root growth and soil cohesion in this area are necessary to hold the tree upright. SRZ areas are also shown in Tree Impact Plan (Appendix 1). The TPZ and SRZ are measured as a radial measurement from the trunk. <u>No roots should be severed within this area</u>. A detailed methodology on the TPZ and SRZ calculations can be found in Appendix 5.
- **2.4 Impact Assessment:** The site survey and plans provided by CoS were assessed for the following:
 - Reduced Level (R.L.) at base of any site tree.
 - Incursions into the Tree Protection Zone (TPZ).
 - Assessment of the likely impact of the works.
 - Possible remediation opportunities.
 - Overall canopy loss based on assessment of aerial photography.

2.5 Terms: The following terms have been used in this report and due the extent of various disciplines involved on a project of this size; basic terminologies have been used as described below;

Foot print: The term footprint will relate to any proposed structure located above Ground Level (GL) that may potentially affect the root zone of any tree or tree itself. The structure may be as small as a rubbish bin or as large as an area of paving.

Excavation: This includes trenching, trenching and batters, footings for walls, trenching for services, pipes, lighting telecommunications.

Hand dug: Excavation to occur by hand so as not to damage or sever any roots associated with nearby trees. In general, the Project Arborist inspects or supervises this work.

TPZ encroachments: The Australian Standard *Protection of trees on development sites,* (AS 4970) recommends no more than 10% encroachment unless the TPZ can be compensated elsewhere and contiguous with the TPZ. Any encroachment greater than 10% is considered a major encroachment. In this instance the Project Arborist is required to demonstrate that the tree would still remain viable due to the >10% encroachment.

2.6 Report limitations: This report does not constitute a Tree Protection Plan. Once the designs have been finalised, in conjunction with the findings of this report, a final site specific Tree Protection Plan can then be produced.

3 TREE IMPACTS

3.1 Darlington Public School is located in Chippendale, in Sydney. Darlington Public School is an inner city school servicing the suburbs of Chippendale, Darlington, Redfern and Waterloo. The school has been built following World War 2 (Diagram 2) however the school's trees are well established, with some being almost twenty (20) metres in height and spread.



Diagram 2: The site as seen in 1943, devoid of trees (RTA From the skies, 2007).

- **3.2** The Site Trees: The site was inspected on 15th October 2018. Each tree has been given a unique number for this site and can be viewed on the Tree Impact Plan (Appendix 1).
- **3.3** The site consists of several buildings connected by covered walkways. Playground areas are located throughout the site with specimen trees located in some protected courtyard areas (Plate 1). Some of these courtyard specimens are large mature specimens that provide extensive canopy cover to the site (Plate 2).



Plate 1: Image showing Trees 1 and 2. Working around a mature tree such as this will be difficult in terms of canopy impacts and root disturbance. P. Vezgoff



Plate 2: Image showing one of the larger mature specimens, Tree 53. P. Vezgoff Page | 9 Moore Trees AIA for Darlington Public School

3.4 Trees 7-15 are located within the central playground area (Plate 3). Although not great specimens individually, they do work well as a group providing canopy cover and good aesthetic value to the rear area.



Plate 3: Image showing Trees 7-15 central to the playground area. The area not facing the camera consists of a low retaining wall. P. Vezgoff

3.5 Trees 20, 21, 47 and 48 are some of the larger trees on site being some twenty (20) metres in height (Plate 4). The majority of the root zone of these trees is covered with hard surface. These trees have some previous failures which is to be expected from trees of this size and age. These trees were assessed as being in good health and condition. The main trunks, first and second order branches are free of any cracks, splits or fruiting bodies. New extension growth was noted. The basal area and woody root zones were free of any ground heaving, or lifting. Ideally an aerial inspection should occur to fully determine the condition of the main branch unions if they were to be retained.



Plate 4: Image showing Trees 21, 20. P. Vezgoff

3.6 Trees 26-31 (Plate 5) are tightly grouped specimens that have a restricted root space and are covered with asphalt and playground rubberised matting up to the trunks. These trees are mostly in good health but could be replaced with better specimens. They would not be considered long term specimens.



Plate 5: Image showing Trees 26-31. P. Vezgoff

- **3.7** Trees 32-39 are growing along the northern boundary fence (Plate 6). These are a mixed group of large mature *Eucalyptus* specimens but competing with some exotic specimens (Liquidambar) that have been planted between and under the large *Eucalyptus* specimens. These trees are also tightly grouped specimens that have a restricted root space and are covered with asphalt and playground rubberised matting up to the trunks. Varied levels are present as these trees have been planted on a stepped area (Plate 7).
- **3.8** Under these larger more dominant native specimens are Trees 40-43 that are Liquidambar (*Liquidambar styraciflua*) and a single *Cupresses* specimen. These trees can be seen in Plate 7. Now suppressed, these trees will not reach maturity and as such are not long term viable specimens.



Plate 6: Image showing Trees 32-39. P. Vezgoff



Plate 7: Image showing surface condition of Trees 32-39. P. Vezgoff

3.9 Trees 44-46 (Plate 8) are growing along the eastern boundary fence. These trees are younger specimens in excellent health and condition and provide a good screen between two properties. The majority of the root zones of these trees is covered with hard surface.



Plate 8: Image showing Trees 44-46. P. Vezgoff

3.10 Although this area of Sydney may be high in sand content, that would normally encourage deeper root systems, this site has an uncertain history. Based on Diagram 2, it appears that prior to the school being built, there were rows of terrace houses and warehouse structures, so subsoil conditions will be far from natural and would be highly disturbed. This will mean that old footings or foundations that may be subsurface will deflect woody roots keeping them close to the surface such as near Tree 20 (Plate 9).



Plate 9: Image showing surface roots from Tree 20. P. Vezgoff

3.11 Trees 47 and 48 are some of the larger trees on site being over some twenty (20) metres in height. Again, the majority of the root zone of these trees is covered with hard surface. These trees have some previous failures which is to be expected from trees of this size and age. These trees were assessed as being in good health and condition. The main trunks, first and second order branches are free of any cracks, splits or fruiting bodies. New extension growth was noted. The basal area and woody root zone were free of any ground heaving, or lifting.

- **3.12** Street trees are numbered as Trees 56-59 along Darlington Road. These trees are mostly Sweetgum (*Liquidambar styraciflua*) with a single specimen of Brushbox (*Lophostemon confertus*), being Tree 59. Along Golden Grove Street are Trees 60-68. These species consist of Brushbox (*Lophostemon confertus*), Sweetgum (*Liquidambar styraciflua*), Tallowwood (*Eucalyptus microcorys*). Trees 61 and 68 are two (2) large specimens of Tallowwood. Tree 68 does not show on the Landscape plans, however I have included it in this Report as it is a large street tree near the site.
- **3.13** The trees were assessed as below for the Significance of a Tree, Assessment Rating System or STARS[©]. The STARS[©] Matrix can be seen in Appendix 3.

Significance	1 (High)	2 (Medium)	3 (Low)
Scale			
Tree No.	4-8, 13-15, 17-22,	1, 2, 9-12, 16, 25, 49-52,	23, 26-32, 40-
	24, 33-39, 44-48, 53,	54-57, 63-67.	43.
	58-62, 68.		

- **3.14 Impacts:** Impacts to the site trees, due to the designs, can be seen in the *Tree Impact Plan* (Appendix 1). The building footprint has been overlaid with the site trees and their TPZ and SRZ distances. The incursion impacts have been divided into two categories being deep excavations such as footings, and the second being more surface excavations that will alter levels within the TPZ area. It should be noted there are no service diagrams at this stage. Trenching for services is often overlooked and needs to be considered for the final impacts to the site trees.
- **3.15** Based on the plans provided, trees that are possible to retain are numbered as; 6, 12, 13, 14, 15, 18, 35-39, 44-46, and (street trees) 56-68. Trees within the building footprint will suffer too greater incursion into the TPZ areas and as such are proposed to be removed are numbered as; 1, 2, 4, 5, 7-11, 16, 17, 19-34, 40-43, 47-55. The impacts for each tree can be seen in Table 2 (Individual Tree Impacts).
- **3.16** Trees 20-25 are located within the sports court footprint and Trees 49, 50 and 51 are located within an area required to be resumed for the levelling of the sports court area. Trees 34, 40-43 are smaller suppressed specimens of *Liquidambar* interplanted between the *Eucalyptus* specimens that will never reach their full potential. Provided the existing steps along Trees 33, 35-39, and the small wall along Trees 44-46 can be retained, or at least no excavations beyond these trees, then these trees could be successfully retained. The deck area proposed in this location should be possible to be constructed provided excavations are sympathetic to the TPZ areas. As seen in the Tree Impact Plan, the TPZ distances are within the sports court works area however the roots from these trees will have been restricted in radial growth due to these steps and footings currently present. Any roots under the sports court area should be reasonably deep and provided the existing finished levels can be maintained impacts to these trees will be minimal.
- **3.17** The design levels around Tree 12 are very tight as it is surrounded by an existing brick wall and sandstone steps (Plate 10). Any new wall around this tree is likely to require additional excavation to allow for drainage. The landscape design is working to retain existing levels and allowing for the construction of new accessible footpath however further consultation may be required in relation Trees 12-15 to achieve this.



Plate 10: Trees 9, 10, 11 and 12. P. Vezgoff

- **3.18** Structural Root Zones (SRZ) breach: Based on the proposed plans, there are no deep incursions to SRZ areas (except for where a tree is within a building footprint) however there is the removal of turf, mulch and hard surfaces below some of the site trees which, if not undertaken correctly, could damage the main stems and basal areas of the trees. The TPZ areas of Trees 6 and 18 will have only minor surface works occur within the top one hundred (100) millimetres.
- **3.19 Tree Protection Zone (TPZ) breach:** The TPZ distances are breached on Trees 1-12 for soft landscaping but also hard landscaping being a brick garden edge and also clay paving. TPZ encroachments for Trees 7-12 are all approximately <10%. This area is currently turf and mulch (Plate 2). Trees 1 and 2 cannot be retained due to the levels between the street and internal garden area that are required.
- **3.20** If these works are not undertaken correctly it could damage the main stems and basal areas of the aforementioned trees. TPZ encroachments can be seen in the Tree Impact Plan (Appendix 1). Where the trees are located within a building foot print the tree has been listed to be removed. Where the tree has level changes within the TPZ there may be options to alter designs in order to retain the more significant specimens. Some following options could be applied to determine root locations during the construction process.

For works within TPZ areas that require level changes the following methodologies must be applied;

- **3.20.1 Mechanised excavation:** A flat bucket attachment on the excavator can be used within the TPZ areas to locate roots provided levels are reduced by small increments so as not to damage any roots found. Should any roots >40mm be located, hand excavation will follow. This is to ensure that no roots within the TPZ are to be cut or damaged that are >40mm in diameter. A spotter must be present to ensure machinery does not hit any of the trees and to monitor the excavation depths.
- **3.20.2 Hand excavation:** Hand excavation will ensure that no roots within the SRZ are to be cut or damaged that are >40mm in diameter around Trees such as 6, 12, 18.
- **3.20.3 Hydrovac:** When undertaking hydro-vacuum excavation the water pressure shall be calibrated so as to not damage, remove bark, or sever roots over 30mm in diameter. Canopy clearance will require assessment based on the size truck that will be supplied. Depending on the location of storage bays and site sheds it may be possible to park the truck off the street provide canopy clearance is available. The truck should also be kept out of the TPZ areas and not parked within any TPZ area for the duration of the works. No roots >30mm within the SRZ are to be cut or damaged. The Project Arborist shall supervise these works. This option could be used for the decking piers below Trees 33-39 and 44-46.
- **3.21 Drainage works:** With regards to drainage, the majority of the site is porous due to the installation of garden areas and soft fall areas however final assessment of lines will need to be assessed in relation to any TPZ areas.
- **3.22 Planting within TPZ areas:** The design requires planting within TPZ areas. No mechanised cultivation of any TPZ area shall occur, only hand tools shall be used. Should any roots from trees be found that are >40mm in diameter, the plant should be moved so no roots are required to be severed.

- **3.23 Removal of existing turf:** Any existing turf within the TPZ areas of the trees to be removed shall be removed by hand and not by mechanical means around a five hundred (500) millimetre radius around each tree. Soil and mulch should also be removed by hand within this five hundred (500) millimetre radius. A flat bucket excavator may be used across the rest of the site however a spotter must be present due to the tight working area.
- **3.24 Removal of hard surfaces:** Any existing hard surfaces to be removed within the TPZ areas of the trees to be retained shall be removed by hand and not by mechanical means around a five hundred (500) millimetre radius around each tree. Soil and mulch should also be removed by hand within this five hundred (500) millimetre radius. A flat bucket excavator may be used across the rest of the site however a spotter must be present due to the tight working area.
- **3.25 Furniture installation:** The installation of seating, rubbish bins and new signage will require minor excavations. Any roots found forty (40) millimetres in diameter or less than, may be cleanly severed with a sharp saw. Any root found >40mm, the Project Arborist shall be contacted for further advice if the landscape item cannot be moved to avoid the root.
- **3.26** Canopy loss: The impacts to the site trees have been assessed based on the client's plans and Section 3.5 *Urban Ecology* of Sydney DCP 2012. Section 2 states;

Provide at least 15% canopy coverage of a site within 10 years from the completion of development.

The DCP also states in Section 3.5.1 (a);

Protect existing habitat features within and adjacent to development sites.

The current design shows large mature trees in good health and condition being removed however this would appear to be due to the significant increase in internal building space that is required for the design scope. **3.27** The following calculations were made based on Google Earth polygon shape layers, note these calculations are approximate only. The total area for the site is 7663 square metres. The total area of existing canopy cover for the site is 3706 square metres. The total area of canopy proposed to be removed is 2250 square metres. The remaining canopy cover will be 1456 square metres (Table 1 and Diagram 3). As a percentage, the remaining canopy cover for the site will be 19% of the existing vegetation.

Item	Area	Percentage of	Percentage of
		canopy cover for the	current canopy
		site	cover for the site
Total area of site (m ²)	7663 m²	3706 m ²	48%
Total area of canopy cover	2250 m ²	29%	60%
removed (m ²)			
Total area of canopy cover	1456 m ²	19%	40%
retained (m ²)			

 Table 1: Tree canopy cover percentages.



Diagram 3: Image showing the proposed trees to be removed (red) and the trees that will be retained (green) (Google earth 2020).

		TPZ	SRZ	Probable		Incursion	Incursion
Tree	Species	(m)	(m)	outcome	Impact issue	to TPZ	to SRZ
1	Broad leaved paperbark (Melaleuca quinquenervia)	5.4	2.4	Remove		100%	100%
2	Broad leaved paperbark (Melaleuca quinquenervia)	5.4	2.4	Remove	Changes to existing levels and new accessible	100%	100%
4	Cabbage tree palm (Livistona australis)	6	2.6	Remove	pedestrian entry from the road verge.	100%	100%
5	Swamp mahogany (Eucalyptus robusta)	4.8	2.4	Remove	Changes to levels to create astroturf kick about zone.	100%	100%
					Woody roots have grown into the concrete surface so		
	- ··· · ·				trying to retain these trees may only create unstable		
6	Brushbox (Lophostemon confertus)	4.8	2.4	RETAIN	specimens.	12%	0
7	Coastal banksia (Banksia integrifolia)	4.2	2.3	Remove	Minor incursion -	100%	100%
8	Swamp mahogany (Eucalyptus robusta)	4.2	2.3	Remove		100%	100%
9	River she oak (Casuarina cunninghamiana)	6	2.6	Remove	Changes to levels to create new accessible entry path	100%	100%
10	River she oak (Casuarina cunninghamiana)	2.4	1.9	Remove		100%	100%
11	River she oak (Casuarina cunninghamiana)	2.4	1.9	Remove	Located in the path of new accessible entry path	100%	100%
12	River she oak (Casuarina cunninghamiana	6	2.6	RETAIN		10%	
					These trees have been growing in a restricted root area		
13					and will not have the typical broad spreading root		
14					plate of a normal tree. This tree is part of a group of 4		
15	Tallowwood (Eucalyptus microcorys)	5.4	2.5	RETAIN	and this incursion applies to all these trees	<15%	
					These trees have been growing in a restricted root area		
					and will not have the typical broad spreading root		
16	Firewheel tree (Stenocarpus sinuatus)	0.8	1.1	Remove	plate of a normal tree.	100%	100%
17	Illawarra flame tree (Brachychiton acerifolius)	4.2	2.3	Remove		100%	100%
18	Lemon-scented gum tree (Corymbia citriodora)	5.4	2.5	RETAIN	Changes to levels to create astroturf kick about zone	<10%	0
19	Bangalow palm (Archontophoenix cunninghamiana)	2.2	1.6	Remove	Minor incursion -	100%	100%

Table 2: Individual Tree Impacts – Darlington Public School

		TPZ	SRZ	Probable		Incursion	Incursion
Tree	Species	(m)	(m)	outcome	Impact issue	to TPZ	to SRZ
20	Lemon-scented gum tree (Corymbia citriodora)	7.2	2.6	Remove	Changes to levels to create astroturf kick about zone	100%	100%
21	Sydney blue gum (Eucalyptus saligna)	7.2	2.8	Remove		100%	100%
22	Sydney blue gum (Eucalyptus saligna)	7.2	2.8	Remove		100%	100%
23	No Value	2.4	1.6	Remove	Located in basketball footprint	100%	100%
24	Spotted gum (Corymbia maculata)	9.6	3.1	Remove		100%	100%
25	Lone Pine (Pinus brutia)	6	2.6	Remove		100%	100%
26	Kaffir plum (Harpephyllum caffrum)	4.8	2.4	Remove		100%	100%
27	Kaffir plum (Harpephyllum caffrum)	4.2	2.3	Remove	Located within building footprint	100%	100%
28	River she oak (Casuarina cunninghamiana)	3	2.1	Remove	Located within building footprint	-	-
29	Black bean (Castanospermum australe)	1.2	1.2	Remove		-	-
30	Kaffir plum (Harpephyllum caffrum)	4.8	2.4	Remove		-	-
31	Willow gum (Eucalyptus scoparia)	5.4	2.4	Remove		-	-
32	Mulberry (Morus nigra)	5.4	2.6	Remove		90%	-
					Tree consists of codominant stems and has decay		
					forming between these stems. Level changes will also		
				2	occur in this area for landscaping. Species is exempt	4.000/	
33	Sydney blue gum (Eucalyptus saligna)	6	2.6	Remove	from the Tree Preservation Order and is <10m tall.	100%-	-
34	Sydney blue gum (Eucalyptus saligna)	2.4	1.9	Remove	Located in footprint of new DDA accessible ramp	40%	-

		TPZ	SRZ	Probable		Incursion	Incursion
Tree	Species	(m)	(m)	outcome	Impact issue	to TPZ	to SRZ
					Level change at base of tree due to new accessible		
					ramp		
35	Sydney blue gum (Eucalyptus saligna)	6	2.6	RETAIN		27%	0
					Although classed as a major incursion to the TPZ most		
					of this incursion is raised decking that could be		
36	Sydney blue gum (Eucalyptus saligna)	6	2.6	RETAIN	constructed sympathetically to reduce root damage.	25%	0
					Although classed as a major incursion to the TPZ most		
					of this incursion is raised decking that could be		
37	Sydney blue gum (Eucalyptus saligna)	6	2.6	RETAIN	constructed sympathetically to reduce root damage.	23%	0
					Although classed as a major incursion to the TPZ most		
					of this incursion is raised decking that could be		
38	Sydney blue gum (Eucalyptus saligna)	6	2.6	RETAIN	constructed sympathetically to reduce root damage.	23%	0
					Although classed as a major incursion to the TPZ most		
					of this incursion is raised decking that could be		
39	Sydney blue gum (Eucalyptus saligna)	6	2.6	RETAIN	constructed sympathetically to reduce root damage.	13%	0
					Although classed as a minor incursion to the TPZ most		
					of this incursion is raised decking that could be		
40	Liquidambar (Liquidambar styraciflua)	2.2	1.6	Remove	constructed sympathetically to reduce root damage.		

		TPZ	SRZ	Probable		Incursion	Incursion
Tree	Species	(m)	(m)	outcome	Impact issue	to TPZ	to SRZ
					smaller suppressed specimen will never reach full		
/11	Liquidambar (Liquidambar styraciflua)	2.2	16	Pomovo	Preservation Order and is <10m tall		
41		2.2	1.0	Keniove			
					Smaller suppressed specimen will never reach full		
					potential. Species is exempt from the Tree		
42	Liquidambar (Liquidambar styraciflua)	2.4	1.9	Remove	Preservation Order and is <10m tall.		
					Smaller suppressed specimen will never reach full		
					potential. Species is exempt from the Tree		
43	Cupresses sp.	1.8	1.6	Remove	Preservation Order and is <10m tall.		
		TPZ	SRZ	Probable		Incursion	Incursion
------	--	------	-----	----------	---	-----------	-----------
Tree	Species	(m)	(m)	outcome	Impact issue	to TPZ	to SRZ
					Smaller suppressed specimen will never reach full		
44	Sydney blue gum (Eucalyptus saligna)	3	2.1	RETAIN	potential.	7%	0
					Although classed as a minor incursion to the TPZ most		
					of this incursion is raised decking that could be		
45	Sydney blue gum (Eucalyptus saligna)	5.4	2.5	RETAIN	constructed sympathetically to reduce root damage.	22%	0
					Although classed as a major incursion to the TPZ most		
					of this incursion is raised decking that could be	/	
46	Spotted gum (Corymbia maculata)	6.6	2.7	RETAIN	constructed sympathetically to reduce root damage.	21%	0
					Although classed as a major incursion to the TPZ most		
47	Spotted sum (Conumbia magulata)	14.4	2.0	Demenue	of this incursion is raised decking that could be	1000/	1000/
47	Spotted gum (Corymbia maculata)	14.4	3.6	Remove	constructed sympathetically to reduce root damage.	100%	100%
48	Sydney blue gum (Eucalyptus saligna)	13.2	3.5	Remove		100%	100%
49	Broad leaved paperbark (Melaleuca quinquenervia)	3	2.1	Remove		100%	100%
50	Illawarra flame tree (Brachychiton acerifolius)	2.4	1.9	Remove		100%	100%
50	Illawarra flame tree (Brachychiton acerifolius)	2.4	1.9	Remove		100%	100%
51	Hymenosporum flavum	1.2	1.3	Remove	Located in building footprint	100%	100%
52	Unknown	2.4	1.9	Remove		100%	100%
53	Tallowwood (Eucalyptus microcorys)	10.8	3.3	Remove		100%	100%
54	Trident maple (Acer sp)	1.2	1.3	Remove		100%	100%
55	Water gum (Tristaniopsis laurina)	3	2.1	Remove		100%	100%

4 TREE PROTECTION MEASURES

- 4.1 Based on the plans provided, trees that are possible to retain are numbered as; 6, 12, 13, 14, 15, 18, 35-39, 44-46, and (street trees) 56-68. Trees within the building footprint or will suffer too greater incursion into the TPZ areas and as such are proposed to be removed are numbered as; 1, 2, 4, 5, 7-11, 16, 17, 19-34, 40-43, 47-55.
- **4.2** This project will require a site specific Tree Protection Plan and specification once designs have been finalised. Regular site inspections shall also be specified in order to ensure that the contractor implements the recommendations of this Report and the Tree Protection Plan and associated specifications.
- **4.3 Fencing:** Trees to be retained will require tree protection fencing as specified in the Australian Standard *Protection of trees on development sites*, AS 4970, 2009. All tree protection works should be carried out before the start of demolition or building work. It is recommended that chain mesh fencing with a minimum height of 1.8 metres is installed. TPZ fencing locations shall be shown on demolition plans. The specifications for a TPZ are in Section 4.5 of this report.
- **4.4 Trunk Protection:** This trunk protection will be required due to the proximity of heavy equipment operating near trees to be retained. It is important to protect the bark on trees. Bark is a very effective barrier that helps to protect trees from pest, disease and decay pathogens. This is achieved by attaching lengths of timber (75mm x 50mm x 2000mm) fastened around the trunk. Geotextile fabric or carpet underlay shall be wrapped around the trunk prior to the timbers being attached. These timbers are to be fastened with hoop iron strapping and not attached directly into the bark of the tree. These timbers are only to be removed when all construction is complete.

4.5 The Tree Protection Zone (TPZ) and Structural Root Zone (SRZ): The TPZ is implemented to ensure the protection of the trunk and branches of the subject tree. The TPZ is based on the Diameter at Breast Height (DBH) of the tree. The SRZ is also a radial measurement from the trunk used to protect and restrict damage to the roots of the tree.

The Tree Protection Zone (TPZ) and Structural Root Zone (SRZ) shall be measured from the centre of the trunk, as a radial measurement. The following activities shall be avoided within the TPZ and SRZ of the trees to be retained;

•Erecting site sheds or portable toilets.

•Trenching, ripping or cultivation of soil (with the exception of approved foundations and underground services).

•Soil level changes or fill material (pier and beam or suspended slab construction are acceptable).

•Storage of building materials.

•Disposal of waste materials, solid or liquid.

- **4.6** Trees 60 and 61 will require a degree of canopy pruning to allow for the two (2) new building structures. These branches should be reduced back so as to maintain the canopy of the trees (ie, no lopping or 'flat topping'). Pruning points should be no greater than 50mm in diameter. This pruning is known as selective pruning and can be read about in more detail in the Australian Standard for the Pruning of Amenity Trees (AS 4373) 2007. The Project Arborist should supervise these works. This pruning should also be clearly shown on construction plans. It is likely that City of Sydney may want to undertake this pruning themselves.
- **4.7** The Australian Standard *Protection of trees on development sites*, (AS 4970) recommends no more than 10% encroachment unless the TPZ can be compensated elsewhere and contiguous with the TPZ. Provided the portion (of TPZ incursion) of footings across the root zone can be bridged via the use of pier and beam construction this would allow designs to comply with AS4970. Ultimately the site trees will require further assessment once plans and designs progress and have been agreed upon.

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- **4.8 Building material storage:** Areas on the site shall have to be set aside for the exclusive use of:
 - Construction access points / roads
 - Position of site sheds and latrines and temporary services
 - Storage of materials

Any area set aside for the stockpiling of soil and waste shall have the appropriate erosion control measures around this area as specified by an engineer. These erosion control measures shall be monitored and maintained regularly throughout the construction period of the site. These measures are to restrict any waste material entering the TPZ areas of the trees to be retained.

If you have any questions in relation to this report, please contact me.

Paul Vezgoff Consulting Arborist Dip Arb (Dist), Arb III, Hort cert, AA, ISA

22nd October 2020



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Tree Impact Plan

Impact Assessment

TPZ and SRZ encroachments



<u>Tree health & condition</u> <u>assessment schedule</u>

Table 4: TREE FIELD DATA SCHEDULE – Darlington Public School, Chippendale

					Live							
Troo	Species	Height (m)	Spread	DBH (m)	canopy ∞	Defects	SINE	Condition	A.g.o	Commonts	TP7 (m)	SP7 (m)
Tree	Broad leaved nanerbark	(11)	(11)	(11)	70	Defects	JULE	Condition	Age	comments	1PZ (III)	3RZ (III)
	(Melaleuca						2a May only live for 15-40					
1	guinguenervia)	14	5	0.45	95	No visual defects	years	Good	Mature	With garden rockery	5.4	2.4
	Broad leaved paperbark						,			, ,		
	(Melaleuca						2a May only live for 15-40					
2	quinquenervia)	14	5	0.45	95	No visual defects	years	Good	Mature	With garden rockery	5.4	2.4
	Cabbage tree palm						2a May only live for 15-40			Fibrous root mass at		
4	(Livistona australis)	15	3	0.5	95	No visual defects	years	Good	Mature	base. Spines at base	6	2.6
	Swamp mahogany						2a May only live for 15-40					
5	(Eucalyptus robusta)	14	6	0.4	92	No visual defects	years	Good	Mature		4.8	2.4
	Brushbox (Lophostemon						2a May only live for 15-40					
6	confertus)	14	6	0.4	92	No visual defects	years	Good	Mature		4.8	2.4
	Coastal banksia (Banksia						2a May only live for 15-40			Within paved area.		
7	integrifolia)	8	3	0.35	90	No visual defects	years	Good	Mature	Sewer pit at base	4.2	2.3
	Swamp mahogany						2a May only live for 15-40			Within paved area.		
8	(Eucalyptus robusta)	8	4	0.35	90	No visual defects	years	Good	Mature	Sewer pit at base	4.2	2.3
	River she oak (Casuarina						2a May only live for 15-40					
9	cunninghamiana)	15	5	0.5	95	No visual defects	years	Good	Mature		6	2.6
	River she oak (Casuarina						2a May only live for 15-40					
10	cunninghamiana)	9	2.5	0.2	95	No visual defects	years	Good	Mature		2.4	1.9
	River she oak (Casuarina						2a May only live for 15-40					
11	cunninghamiana)	9	2.5	0.2	95	No visual defects	years	Good	Mature		2.4	1.9
	River she oak (Casuarina		_				2a May only live for 15-40					
12	cunninghamiana)	15	5	0.5	95	No visual defects	years	Good	Mature		6	2.6
	Tallowwood (Eucalyptus		_	0.45	0.5		2a May only live for 15-40					
13	microcorys)	19	7	0.45	95	No visual defects	years	Good	Mature	Part of a row of three	5.4	2.5
	Tellevinie ed (Evielini)					Dead wood				Part of a row of three.		
1.0	Tallowwood (Eucalyptus	10	-	0.45	05	>50mm	2a iviay only live for 15-40	Cood	Mature	100mm section of dead	F 4	2.5
14	microcorys)	19	/	0.45	95		years	9000	iviature	wood over path	5.4	2.5

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					Live							
Troo	Species	Height (m)	Spread	DBH (m)	canopy ∞∕	Defects	SULLE	Condition	A.c.o	Commonte	TD7 (m)	SB7 (m)
Tree	Tallowwood (Eucalyptus	(m)	(m)	(m)	70	Delects	22 May only live for 15-40	Condition	Age	Comments	1PZ (m)	SKZ (M)
15	microcorys)	19	7	0.45	95	No visual defects	vears	Good	Mature	Part of a row of three	54	25
-15	Firewheel tree	15	,	0.45			years	0000	Watarc		5.4	2.5
16	(Stenocarpus sinuatus)	5	1	0.07	100	No visual defects	5a Small tree <5 m in height.	Good	Mature		0.8	1.1
	Illawarra flame tree						2a May only live for 15-40					
17	(Brachychiton acerifolius)	7	4	0.35	95	No visual defects	years	Good	Mature		4.2	2.3
	Lemon-scented gum tree						2a May only live for 15-40			Minor mechanical		
18	(Corymbia citriodora)	17	6	0.45	92	No visual defects	years	Good	Mature	wound at base	5.4	2.5
	Bangalow palm											
	(Archontophoenix						2a May only live for 15-40					
19	cunninghamiana)	6	3	0.18	100	No visual defects	years	Good	Mature		2.2	1.6
						Dead wood				Old storm damage		
	Lemon-scented gum tree					>50mm	2a May only live for 15-40			noted. Section of dead		
20	(Corymbia citriodora)	20	8	0.6	95		years	Good	Mature	wood	7.2	2.6
	Sydney blue gum						2a May only live for 15-40					
21	(Eucalyptus saligna)	20	8	0.6	95	No visual defects	years	Good	Mature		7.2	2.8
	Sydney blue gum						2a May only live for 15-40					
22	(Eucalyptus saligna)	20	8	0.6	95	No visual defects	years	Good	Mature		7.2	2.8
							2c removed for more					
23	No Value	5	1	0.2	70	Root damage	suitable planting	Poor	Mature	Lopped for shed roof	2.4	1.6
	Spotted gum (Corymbia						2a May only live for 15-40					
24	maculata)	21	8	0.8	95	No visual defects	years	Good	Mature		9.6	3.1
							2a May only live for 15-40					
25	Lone Pine (Pinus brutia)	9	5	0.5	70	No visual defects	years	Fair	Mature		6	2.6
	Kaffir plum (Harpephyllum		_				2c removed for more					
26	caffrum)	10	5	0.4	92	No visual defects	suitable planting	Good	Mature		4.8	2.4
	Kattir plum (Harpephyllum		_		a -		2c removed for more					
27	cattrum)	10	3	0.35	92	No visual defects	suitable planting	Good	Mature		4.2	2.3
	River she oak (Casuarina		-				3a May only live for 5-15				-	
28	cunninghamiana)	12	3	0.25	70	No visual defects	years.	Poor	Mature	Decline	3	2.1

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					Live							
T	Constant	Height	Spread	DBH	canopy	Defects	CU11 F	Constitutions		6	TD7 ()	(D7 (m)
Tree	Species Black been	(m)	(m)	(m)	%	Defects	SOLE	Condition	Age	Comments	TP2 (m)	SRZ (m)
	Castanosnormum											
20		6	2	0.1	00	No visual defects	Ea Small trop <e hoight<="" in="" m="" td=""><td>Good</td><td>Maturo</td><td></td><td>1 2</td><td>1 2</td></e>	Good	Maturo		1 2	1 2
23	Kaffir nlum (Harnenhyllum	0	2	0.1	50	NO VISUAI DEIECLS	2c removed for more	0000	wature		1.2	1.2
30	caffrum)	10	5	0.4	92	No visual defects	suitable planting	Good	Mature		4.8	2.4
50	Willow gum (Eucalyntus	10	5	0.4	52		2a May only live for 15-40	0000	Watare		4.0	2.7
31	sconaria)	16	7	0.45	90	No visual defects	vears	Fair	Mature		54	24
				01.0			,00.0			Codominant stems with		
										partial decay occurring		
										between the two main		
						Included codom	2c removed for more			stem's		
32	Mulberry (Morus nigra)	6	7	0.45	95	stems	suitable planting	Fair	Mature	Exempt from TPO	5.4	2.6
	Sydney blue gum					No visual	2a May only live for 15-40					
33	(Eucalyptus saligna)	21	10	0.5	5 95	defects	years	Good	Mature	Soft fall over root zone	6	2.6
										Asymmetrical canopy		
	Sydney blue gum						2c removed for more			to the south		
34	(Eucalyptus saligna)	8	5	0.2	80	No visual defects	suitable planting	Fair	Mature	suppressed specimen	2.4	1.9
	Sydney blue gum						2a May only live for 15-40					
35	(Eucalyptus saligna)	21	10	0.5	95	No visual defects	years	Good	Mature	Soft fall over root zone	6	2.6
	Sydney blue gum						2a May only live for 15-40					
36	(Eucalyptus saligna)	21	10	0.5	95	No visual defects	years	Good	Mature	Soft fall over root zone	6	2.6
	Sydney blue gum						2a May only live for 15-40					
37	(Eucalyptus saligna)	21	10	0.5	95	No visual defects	years	Good	Mature	Soft fall over root zone	6	2.6
20	Sydney blue gum	24	10		05		2a May only live for 15-40					2.6
38	(Eucalyptus saligna)	21	10	0.5	95	No visual defects	years	Good	Mature	Soft fall over root zone	6	2.6
20	Sydney blue gum	24	10		05	No. double laborate	2a May only live for 15-40	Carad	N.A.a.huuna	Cafe fall average at a sec	6	2.0
39	(Eucalyptus saligna)	21	10	0.5	95	No visual defects	years	Good	Mature	Soft fall over root zone	6	2.6
40	Liquidambar (Liquidambar	0		0.10	100	No vieuel defect-	2a iviay only live for 15-40	Cood	Mature	Suppressed by larger		1.0
40	Styracifiua)	9	3	0.18	108	NO VISUAI DETECTS	years	G000	iviature	trees	2.2	1.6
41	Liquidambar (Liquidambar	0	2	0.10	100	No visual dofesta	Za iviay only live for 15-40	Cood	Mature	Suppressed by larger	2.2	1.0
41	styracifiua)	9	3	0.18	108	NO VISUAI defects	years	6000	iviature	trees	2.2	1.6

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					Live							
Tree	Snecies	Height (m)	Spread (m)	(m)	canopy %	Defects	SUILE	Condition	Δσρ	Comments	TP7 (m)	SR7 (m)
iiice	Liguidambar (Liguidambar	(,	(,	(,			2a May only live for 15-40		780	Suppressed by larger		5112 (111)
42	styraciflua)	9	3	0.2	108	No visual defects	years	Good	Mature	trees	2.4	1.9
							2a May only live for 15-40			Suppressed by larger		
43	Cupresses sp.	7	0.5	0.15	100	No visual defects	years	Good	Mature	trees	1.8	1.6
	Sydney blue gum						2a May only live for 15-40					
44	(Eucalyptus saligna)	11	5	0.25	95	No visual defects	years	Excellent	Mature	Soft fall over root zone	3	2.1
						Dead wood						
	Sydney blue gum					>50mm	2a May only live for 15-40			Soft fall over root zone.		
45	(Eucalyptus saligna)	18	8	0.45	95		years	Excellent	Mature	Sections of dead wood	5.4	2.5
	Spotted gum (Corymbia						2a May only live for 15-40					
46	maculata)	19	8	0.55	95	No visual defects	years	Excellent	Mature		6.6	2.7
	Spotted gum (Corymbia						2a May only live for 15-40					
47	maculata)	21	11	1.2	95	No visual defects	years	Good	Mature		14.4	3.6
	Sydney blue gum						2a May only live for 15-40					
48	(Eucalyptus saligna)	21	11	1.1	95	No visual defects	years	Good	Mature		13.2	3.5
	Broad leaved paperbark											
	(Melaleuca											
49	quinquenervia)	8	2.5	0.25	90	No visual defects	1a >40 years	Good	Mature	Group of three stems	3	2.1
	Illawarra flame tree	_					2a May only live for 15-40					
50	(Brachychiton aceritolius)	7	4	0.2	95	No visual defects	years	Good	Mature		2.4	1.9
		_					5a Small tree <5 m in					
51	Hymenosporum flavum	5	2	0.1	100	No visual defects	height.	Good	Mature		1.2	1.3
	Illawarra flame tree	_					2a May only live for 15-40					
50	(Brachychiton acerifolius)	/	4	0.2	95	No visual defects	years	Good	Mature		2.4	1.9
5.2		6			0.5		2c removed for more				2.4	10
52	Unknown	6	4	0.2	95	No visual defects	suitable planting	Good	Mature		2.4	1.9
50	Tallowwood (Eucalyptus	24			0.5	Dead wood	2a May only live for 15-40				40.0	2.2
53	microcorys)	21	11	0.9	95	<50mm	years	G000	iviature	Soft fail around base	10.8	3.3
Γ Λ	Trident mende (Acor)		25	0.1	100	No vievol dofo -+-	2c removed for more	Cand	Matura		1.2	1.2
54	i rident maple (Acer sp)	6	2.5	0.1	100	No visual defects	suitable planting	G000	iviature		1.2	1.3

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					Live							
T	Currenter	Height	Spread	DBH (m)	canopy	Defects	cu e	Constitutions	•	Community.	TD7 ()	(D7 ()
Iree	Species	(m)	(m)	(m)	%	Defects	SULE	Condition	Age	Comments	TPZ (m)	SRZ (m)
	Water gum (Tristaniopsis						2a May only live for 15-40					
55	laurina)	6	3	0.25	95	No visual defects	years	Good	Mature		3	2.1
	Sweetgum (Liquidambar						2a May only live for 15-40					
56	styraciflua)	6	2.5	.25	95	No visual defects	years	Good	Mature	Exempt from TPO	3	2.1
	Sweetgum (Liquidambar						2a May only live for 15-40					
57	styraciflua)	6	2.5	.25	95	No visual defects	years	Good	Mature	Exempt from TPO	3	2.1
	Sweetgum (Liquidambar						2a May only live for 15-40					
58	styraciflua)	6	2.5	.25	95	No visual defects	years	Good	Mature	Exempt from TPO	3	2.1
	Brushbox (Lophostemon						2a May only live for 15-40					
59	confertus)	9	4	.3	95	No visual defects	years	Good	Mature		3	2.1
	Tallowwood (Eucalyptus						2a May only live for 15-40					
60	microcorys)	14	5	.4	95	No visual defects	years	Good	Mature		5	2
	Tallowwood (Eucalyptus						2a May only live for 15-40					
61	microcorys)	19	8	.5	95	No visual defects	years	Good	Mature		6	3
	Evergreen Ash (Fraxinus						2a May only live for 15-40					
62	griffithii)	6	3	.2	95	No visual defects	years	Good	Mature		3	2.1
	Evergreen Ash (Fraxinus						2a May only live for 15-40					
63	griffithii)	6	3	.2	95	No visual defects	years	Good	Mature		3	2.1
	Brushbox (Lophostemon						2a May only live for 15-40					
64	confertus)	7	3	.2	95	No visual defects	years	Good	Mature		3	2.1
	Brushbox (Lophostemon						2a May only live for 15-40					
65	confertus)	7	3	.2	95	No visual defects	years	Good	Mature		3	2.1
	Evergreen Ash (Fraxinus						2a May only live for 15-40					
66	griffithii)	6	3	.2	95	No visual defects	years	Good	Mature		3	2.1
	Evergreen Ash (Fraxinus						2a May only live for 15-40					
67	griffithii)	6	3	.2	95	No visual defects	years	Good	Mature		3	2.1
	Tallowwood (Eucalyptus						2a May only live for 15-40					
68	microcorys)	22	9	.9	95	No visual defects	years	Excellent	Mature		6	3

KEY

Tree No: Relates to the number allocated to each tree for the Tree Plans.

Height: Height of the tree to the nearest metre.

Spread: The average spread of the canopy measured from the trunk.

DBH: Diameter at breast height. An industry standard for measuring trees at 1.4 metres above ground level, this measurement is used to help calculate Tree Protection Zones.

Live Crown Ratio: Percentage of foliage cover for a particular species.

Age Class: Young:	Recently planted tree	Semi-mature:< 20% of life expectancy
Mature:	20-90% of life expectancy	Over-mature:>90% of life expectancy

SULE: See SULE methodology in the Appendix 3

Tree Protection Zone (TPZ): The minimum area set aside for the protection of the trees trunk, canopy and root system throughout the construction process. Breaches of the TPZ will be specified in the recommendations section of the report.

Structural Root Zone (SRZ): The SRZ is a specified distance measured from the trunk that is set aside for the protection of tree roots, both structural and fibrous.

Tree Significance - Assessment Criteria

1. High Significance in landscape

- The tree is in good condition and good vigour;

- The tree has a form typical for the species;

- The tree is a remnant or is a planted locally indigenous specimen and/or is rare or uncommon in the local area or of botanical interest or of substantial age;

- The tree is listed as a Heritage Item, Threatened Species or part of an Endangered ecological community or listed on Councils significant Tree Register;

- The tree is visually prominent and visible from a considerable distance when viewed from most directions within the landscape due to its size and scale and makes a positive contribution to the local amenity;

- The tree supports social and cultural sentiments or spiritual associations, reflected by the broader population or community group or has commemorative values;

- The tree's growth is unrestricted by above and below ground influences, supporting its ability to reach dimensions typical for the taxa in situ - tree is appropriate to the site conditions.

2. Medium Significance in landscape

- The tree is in fair-good condition and good or low vigour;

- The tree has form typical or atypical of the species;

- The tree is a planted locally indigenous or a common species with its taxa commonly planted in the local area

- The tree is visible from surrounding properties, although not visually prominent as partially obstructed by other vegetation or buildings when viewed from the street,

- The tree provides a fair contribution to the visual character and amenity of the local area,

- The tree's growth is moderately restricted by above or below ground influences, reducing its ability to reach dimensions typical for the taxa in situ.

3. Low Significance in landscape

- The tree is in fair-poor condition and good or low vigour;

- The tree has form atypical of the species;

- The tree is not visible or is partly visible from surrounding properties as obstructed by other vegetation or buildings,

- The tree provides a minor contribution or has a negative impact on the visual character and amenity of the local area,

- The tree is a young specimen which may or may not have reached dimension to be protected by local Tree Preservation orders or similar protection mechanisms and can easily be replaced with a suitable specimen,

- The tree's growth is severely restricted by above or below ground influences, unlikely to reach dimensions typical for the taxa in situ - tree is inappropriate to the site conditions,

- The tree is listed as exempt under the provisions of the local Council Tree Preservation Order or similar protection mechanisms,

- The tree has a wound or defect that has potential to become structurally unsound.

Environmental Pest / Noxious Weed Species

- The tree is an Environmental Pest Species due to its invasiveness or poisonous/ allergenic properties,

- The tree is a declared noxious weed by legislation.

Hazardous/Irreversible Decline

- The tree is structurally unsound and/or unstable and is considered potentially dangerous, - The tree is

dead, or is in irreversible decline, or has the potential to fail or collapse in full or part in the immediate to short term.

The tree is to have a minimum of three (3) criteria in a category to be classified in that group.



Legend for Matrix Assessment.

IACA, 2010, IACA Significance of a Tree, Assessment Rating System (STARS), Institute of Australian Consulting Arboriculturists, Australia, <u>www.iaca.org.au</u>

SULE categories (after Barrell, 2001)¹

SULE	Description
Category	
Long	Trees that appeared to be retainable at the time of assessment for more than 40 years with an acceptable level of risk.
la	Structurally sound trees located in positions that can accommodate for future growth
1b	Trees that could be made suitable for retention in the long term by remedial tree care.
1c	Trees of special significance that would warrant extraordinary efforts to secure their long term retention.
Medium	Trees that appeared to be retainable at the time of assessment for 15-40 years with an acceptable level of risk.
2a	Trees that may only live for 15-40 years
2b	Trees that could live for more than 40 years but may be removed for safety or nuisance reasons
2c	Trees that could live for more than 40 years but may be removed to prevent interference with more suitable individuals
	or to provide for new planting.
2d	Trees that could be made suitable for retention in the medium term by remedial tree care.
Short	Trees that appeared to be retainable at the time of assessment for 5-15 years with an acceptable level of risk.
3a	Trees that may only live for another 5-15 years
3b	Trees that could live for more than 15 years but may be removed for safety or nuisance reasons.
3c	Trees that could live for more than 15 years but may be removed to prevent interference with more suitable individuals
	or to provide for a new planting.
3d	Trees that require substantial remedial tree care and are only suitable for retention in the short term.
Remove	Trees that should be removed within the next five years.
4a	Dead, dying, suppressed or declining trees.
4b	Dangerous trees because of instability or loss of adjacent trees
4c	Dangerous trees because of structural defects
4d	Damaged trees not safe to retain.
4e	Trees that could live for more than 5 years but may be removed to prevent interference with more suitable individuals
	or to provide for a new planting.
4f	Trees that are damaging or may cause damage to existing structures within 5 years.
Small	Small or young trees that can be reliably moved or replaced.
5a	Small trees less than 5m in height.
5b	Young trees less than 15 years old but over 5m in height.

1 (Barrell, J. (2001) "SULE: Its use and status into the new millennium" in *Management of mature trees*, Proceedings of the 4th NAAA Tree Management Seminar, NAAA, Sydney.

TPZ and SRZ methodology

Determining the Tree Protection Zone (TPZ)

The radium of the TPZ is calculated for each tree by multiplying its DBH x 12.

$$TPZ = DBH \times 12$$

Where

DBH = trunk diameter measured at 1.4 metres above ground

Radius is measured from the centre of the stem at ground level.

A TPZ should not be less than 2 metres no greater than 15 metres (except where crown protection is required.). Some instances may require variations to the TPZ.

The TPZ of palms, other monocots, cycads and tree ferns should not be less than 1 metre outside the crown projection.

Determining the Structural Root Zone (SRZ)

The SRZ is the area required for tree stability. A larger area is required to maintain a viable tree.

The SRZ only needs to be calculated when major encroachment into a TPZ is proposed.

There are many factors that affect the size of the SRZ (e.g. tree height, crown area, soil type, soil moisture). The SRZ may also be influenced by natural or built structures, such as rocks and footings. An indicative SRZ radius can be determined from the trunk diameter measured immediately above the root buttress using the following formula or Figure 1. Root investigation may provide more information on the extent of these roots.

SRZ radius = $(D \times 50)^{0.42} \times 0.64$

Where

D = trunk diameter, in m, measured above the root buttress

NOTE: The SRZ for trees with trunk diameters less than 0.15m will be 1.5m (see Figure 1).



The curve can be expressed by the following formula: R_{SRZ} = (D x 50) $^{0.42}$ x 0.64

FIGURE 1 - STRUCTURAL ROOT ZONE

Notes:

- 1 R_{SRZ} is the structural root zone radius.
- 2 D is the stem diameter measured immediately above root buttress.
- 3 The SRZ for trees less than 0.15 metres diameter is 1.5 metres.
- 4 The SRZ formula and graph do not apply to palms, other monocots, cycads and tree ferns.
- 5 This does not apply to trees with an asymmetrical root plate.

Explanatory Notes

- Mathematical abbreviations: > = Greater than; < = Less than.
- Measurements/estimates: All dimensions are estimates unless otherwise indicated. Less reliable estimated dimensions are indicated with a '?'.
- **Species:** The species identification is based on visual observations and the common English name of what the tree appeared to be is listed first, with the botanical name after in brackets. In some instances, it may be difficult to quickly and accurately identify a particular tree without further detailed investigations. Where there is some doubt of the precise species of tree, it is indicated with a '?' after the name in order to avoid delay in the production of the report. The botanical name is followed by the abbreviation sp if only the genus is known. The species listed for groups and hedges represent the main component and there may be other minor species not listed.
- Height: Height is estimated to the nearest metre.
- **Spread:** The maximum crown spread is visually estimated to the nearest metre from the centre of the trunk to the tips of the live lateral branches.
- **Diameter:** These figures relate to 1.4m above ground level and are recorded in centimetres. If appropriate, diameter is measure with a diameter tape. 'M' indicates trees or shrubs with multiple stems.
- Estimated Age: Age is <u>estimated</u> from visual indicators and it should only be taken as a <u>provisional</u> <u>guide</u>. Age estimates often need to be modified based on further information such as historical records or local knowledge.
- **Distance to Structures:** This is estimated to the nearest metre and intended as an indication rather than a precise measurement.

Bibliography

Standards Australia, 2007, *Pruning of amenity trees* AS 4373, 2007 Standards Australia Ltd Sydney

Standards Australia, 2009. Protection of trees on development sites, AS 4970, 2009 Standards Australia Ltd Sydney

Sydney Development Control Plan 2012. Section 8.2.1 Arboricultural Impact Assessment Report. City of Sydney Council Sydney

Sydney Development Control Plan 2012. Section 3.5 Urban Ecology City of Sydney Council Sydney

Curriculum Vitae

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EDUCATION and OUALIFICATIONS

- 2013 / 2018 ISA TRAQ qualification •
- 2007 Diploma of Arboriculture (AQF Cert V) Ryde TAFE. (Distinction) •
- 1997 Completed Certificate in Crane and Plant Electrical Safety •
- 1996 Attained Tree Surgeon Certificate (AOF Cert II) at Ryde TAFE
- 1990 Completed two month intensive course on garden design at the Inchbald School of Design, London, United Kingdom
- 1990 Completed patio, window box and balcony garden design course at Brighton College of Technology, United Kingdom
- 1989 Awarded the Big Brother Movement Award for Horticulture (a grant by Lady Peggy Pagan to enable horticulture training in the United Kingdom)

January 2006 to date

Sept 1991 to April 1995

1989 - Attained Certificate of Horticulture (AQF Cert IV) at Wollongong TAFE

INDUSTRY EXPERIENCE

Moore Trees Arboricultural Services

Tree Consultancy and tree ultrasound. Tree hazard and risk assessment, Arborist development application reports Tree management plans.

Woollahra Municipal Council

Oct 1995 to February 2008 ARBORICULTURE TECHNICAL OFFICER August 2005 - February 2008 ACTING COORDINATOR OF TREES MAINTENANCE June - July 2005, 2006 Responsible for all duties concerning park and street trees. Prioritising work duties, delegation of work and staff supervision. TEAM LEADER January 2003 - June 2005 September 2000 - January 2003 HORTICULTURALIST October 1995 - September 2000 **Northern Landscape Services** July to Oct 1995 Tradesman for Landscape Construction business

Paul Vezgoff Garden Maintenance (London, UK)

CONFERENCES AND WORKSHOPS ATTENDED

- International Society of Arboriculture Conference (Canberra May 2017) •
- OTRA Conference, Sydney Australia (November 2016) •
- TRAQ Conference, Auckland NZ / Sydney (2013/2018) •
- International Society of Arboriculture Conference (Brisbane 2008) .
- Tree related hazards: recognition and assessment by Dr David Londsdale (Brisbane 2008) •
- Tree risk management: requirements for a defensible system by Dr David Londsdale (Brisbane 2008) •
- Tree dynamics and wind forces by Ken James (Brisbane 2008) •
- Wood decay and fungal strategies by Dr F.W.M.R. Schwarze (Brisbane 2008) •
- Tree Disputes in the Land & Environment Court The Law Society (Sydney 2007) •
- Barrell Tree Care Workshop- Trees on construction sites (Sydney 2005).
- Tree Logic Seminar- Urban tree risk management (Sydney 2005) •
- Tree Pathology and Wood Decay Seminar presented by Dr F.W.M.R. Schwarze (Sydney 2004) •
- Inaugural National Arborist Association of Australia (NAAA) tree management workshop- Assessing • hazardous trees and their Safe Useful Life Expectancy (SULE) (Sydney 1997).

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