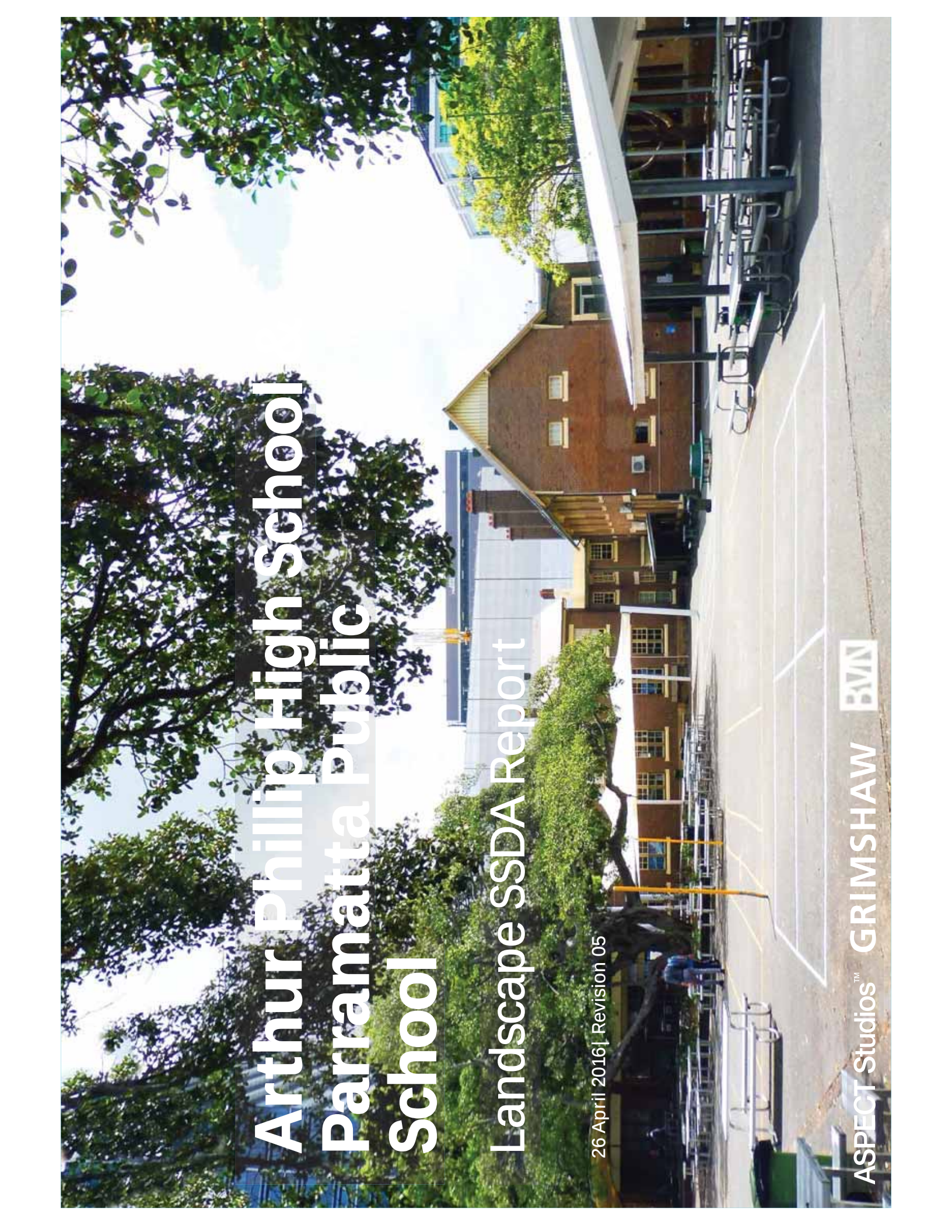




Arthur Phillip High School Parramatta Public School

Landscape SSDA Report

26 April 2016 | Revision 05

Site Plan

Arthur Phillip High School

Refer to DA03



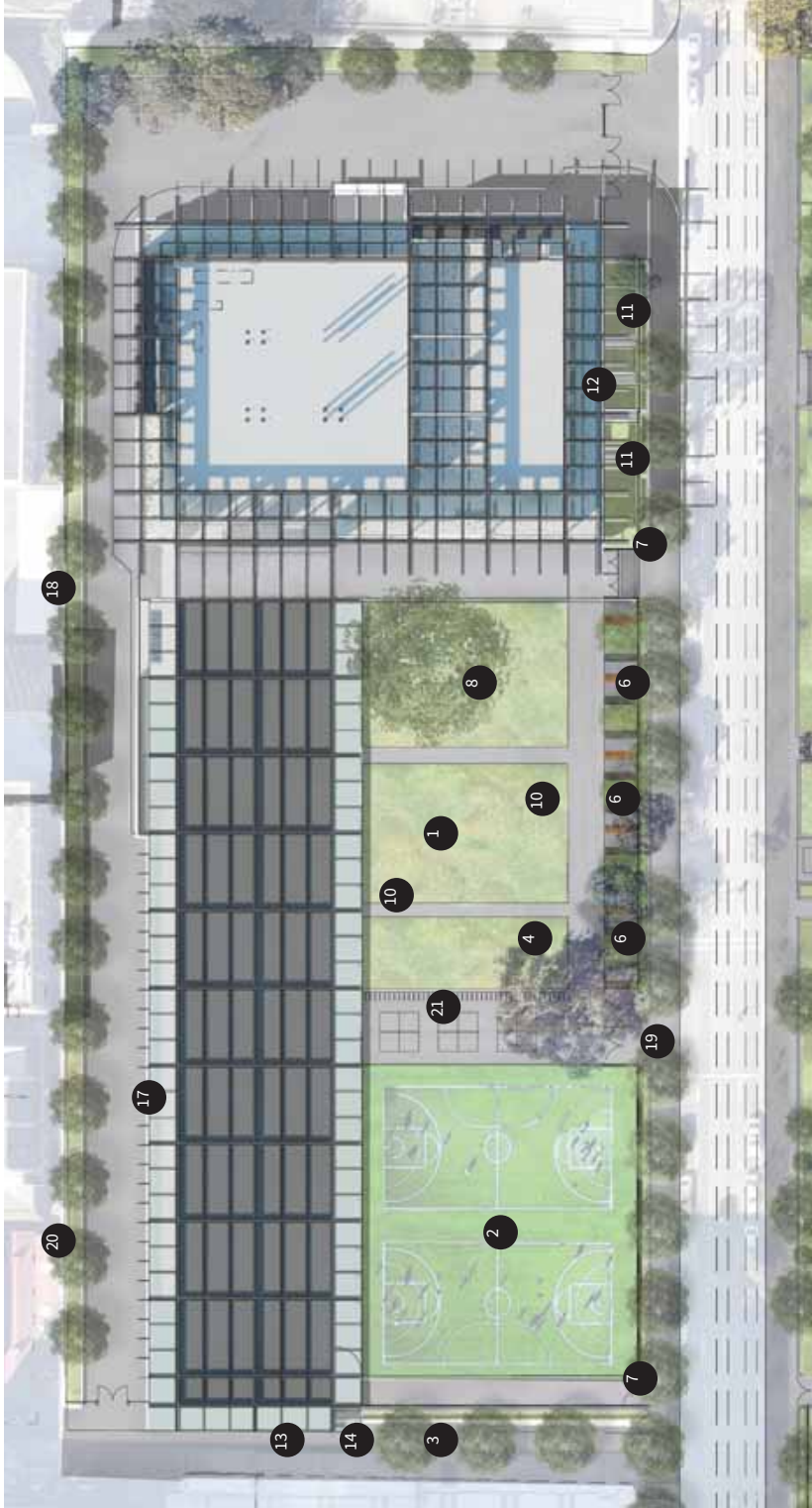
Shared Open Space

Refer to DA05

Parramatta Public School

Refer to DA04

Arthur Phillip High School Detail Plan



Key

- 1 Paved flexible active play area under canopy of trees
- 2 Sports courts with 3.6m high fencing
- 3 Tiered spectator seating
- 4 Paved flexible active play area with existing tree
- 5 Sports courts with 3.6m high fencing
- 6 Series of garden rooms with seating edges for groups of students
- 7 Planted boundary along fence line with clear sight lines into school maintained
- 8 Artificial turf surface
- 9 2 x existing table tennis tables relocated under trees
- 10 Grove of deciduous trees, providing shade for play spaces and seating
- 11 Landscaped terraces spilling out from adjacent internal maker spaces with seating edges and tables
- 12 External access steps
- 13 School Cafe / Canteen
- 14 Pedestrian Entry into School
- 15 Paved flexible drop off zone with handball courts for lunchtime use
- 16 Vehicular entry / exit
- 17 Secured Teachers Parking
- 18 Planting buffer to northern boundary
- 19 On grade emergency entry point
- 20 Existing heritage wall and fig to be retained
- 21 Bike Parking



Parramatta Public School Detail Plan

- 1

Pedestrian entries with brick paved treatment
- 2

Amphitheatre with concrete steps providing seating for school assemblies
- 3

400mm raised timber stage
- 4

Raised play space with mulch, slide and play equipment
- 5

COLA with canopy for sheltered flexible active/passive play
- 6

Group gathering spaces/ outdoor classrooms with tables and chairs located under canopies
- 7

Lower playground with artificial turf zone with nature play elements including rope play, mounds, boulders, balance beams and pockets of native planting.
- 8

Mix of proposed small deciduous trees within lower playground
- 9

Mass planting of low shrubs and ground covers to building periphery
- 10

Artificial turf terrace steps
- 11

Astro turf
- 12

Sports court with 3.6m high fencing to site boundary
- 13

Ball court and games area with line marking for handball, hopscotch ect
- 14

Bike storage racks
- 15

Grove of evergreen shade trees with planted tree pits
- 16

PfP's green- open turf for active games with shade trees at periphery
- 17

Operable palisade fence/ gates providing timed access to the Shared Space
- 18

Heritage gateposts and gate retained
- 19

Existing tree retained
- 20

Existing substation retained
- 21

Proposed substation
- 22

Proposed bus drop off
- 23

6x proposed car spaces on Little Street
- 24

Driveway access to garbage room
- 25

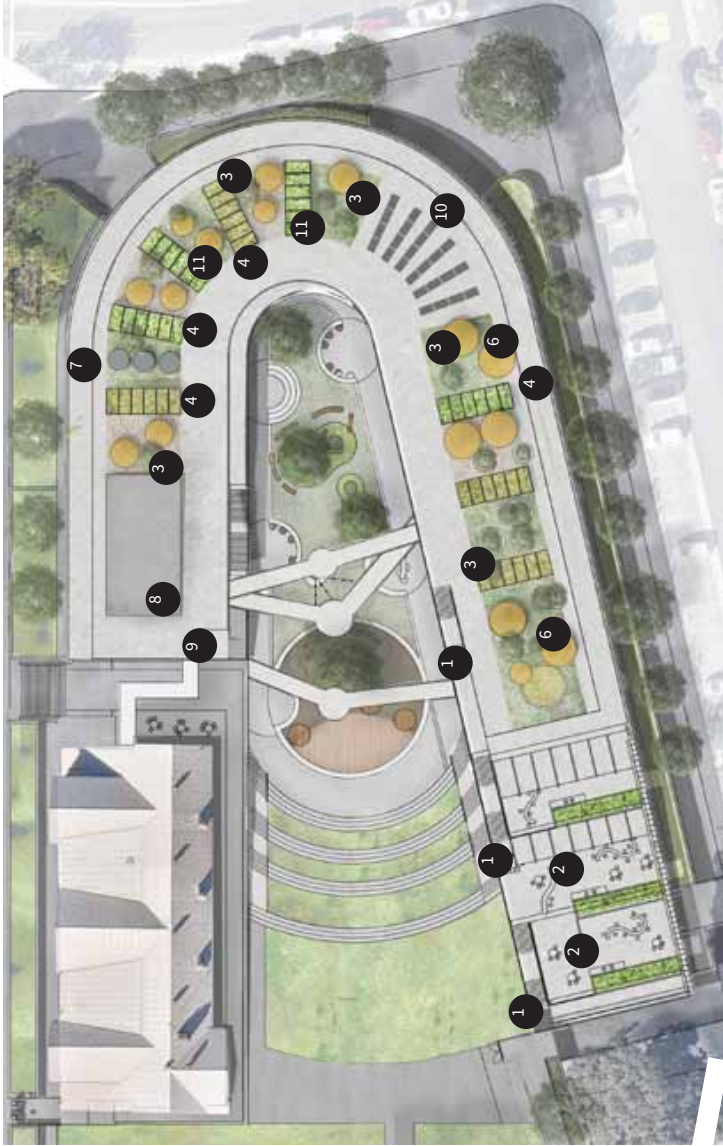
Through site link connecting Smith Street to Little Street



Arthur Phillip High School + Parramatta Public School Development Application	Client Architect	Department of Education Grimshaw + BVN	Drawn Checked	TH SVB SC	Scale Date	1500 @ A3	Dwg.	LA_DA-04
						20.04.2016	Rev.	05



Parramatta Public School Rooftop Plan



Key

- 1 Stairs access to roof top
- 2 Accessible terrace spaces provide breakout from adjacent classrooms on each floor of the building. Raised planting beds provide balustrade to each terrace. Climbers are attached to cables to provide shade for breakout spaces
- 3 Curved seating areas with shade canopy provides spaces for students to gather and learn
- 4 Raised planter beds for edible gardens
- 5 Sandpit and play area
- 6 Shade umbrellas
- 7 Water Storage
- 8 Storage shed
- 9 Lift access to rooftop
- 10 Solar Panels
- 11 Artificial turf area



Arthur Phillip High School + Parramatta Public School
Development Application

ASPECT Studios™

Client
Architect

Department of Education
Grimshaw + BVN

Drawn
Checked

TH
SVB | SC

Scale
Date

1500 @ A3
20.04.2016

Dwg.
Rev.

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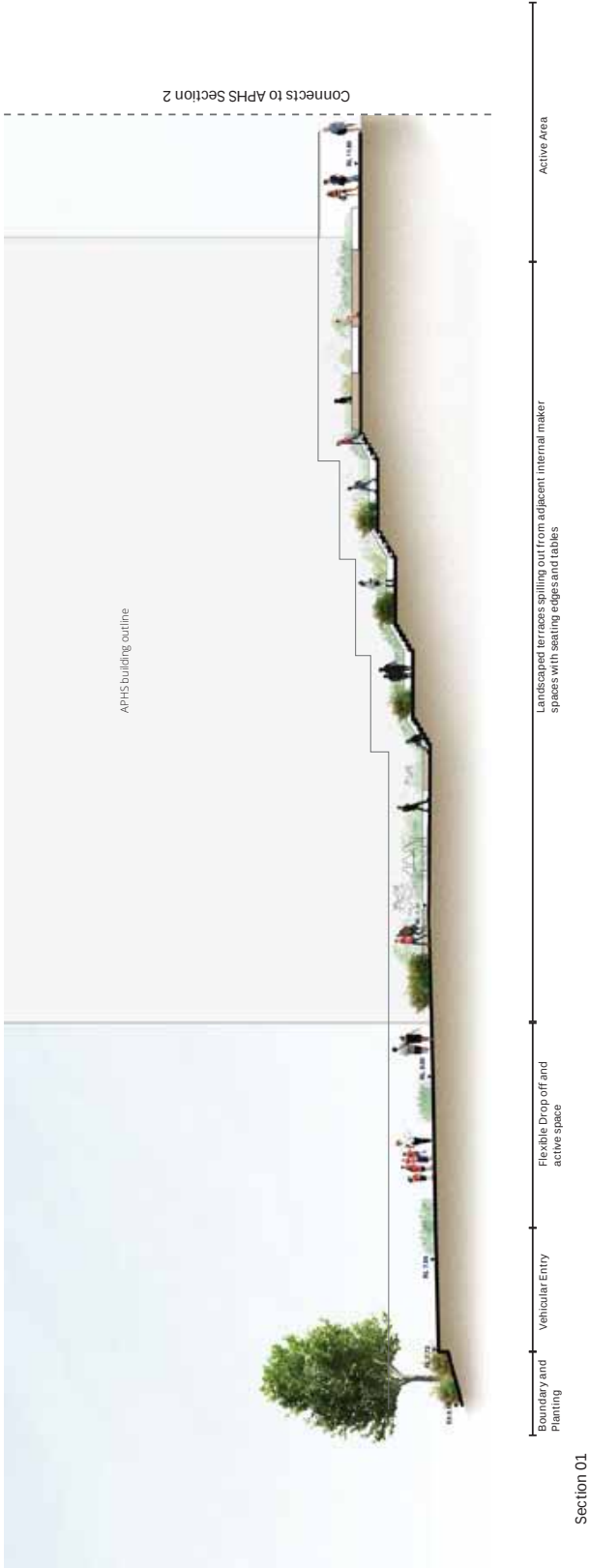
Shared Open Space Detail Plan



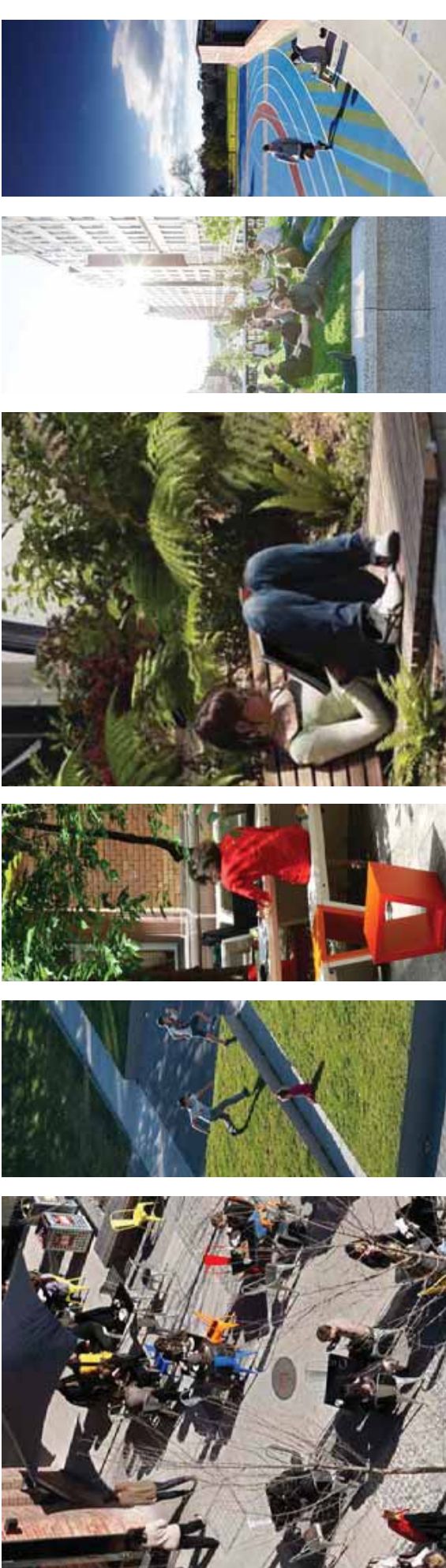
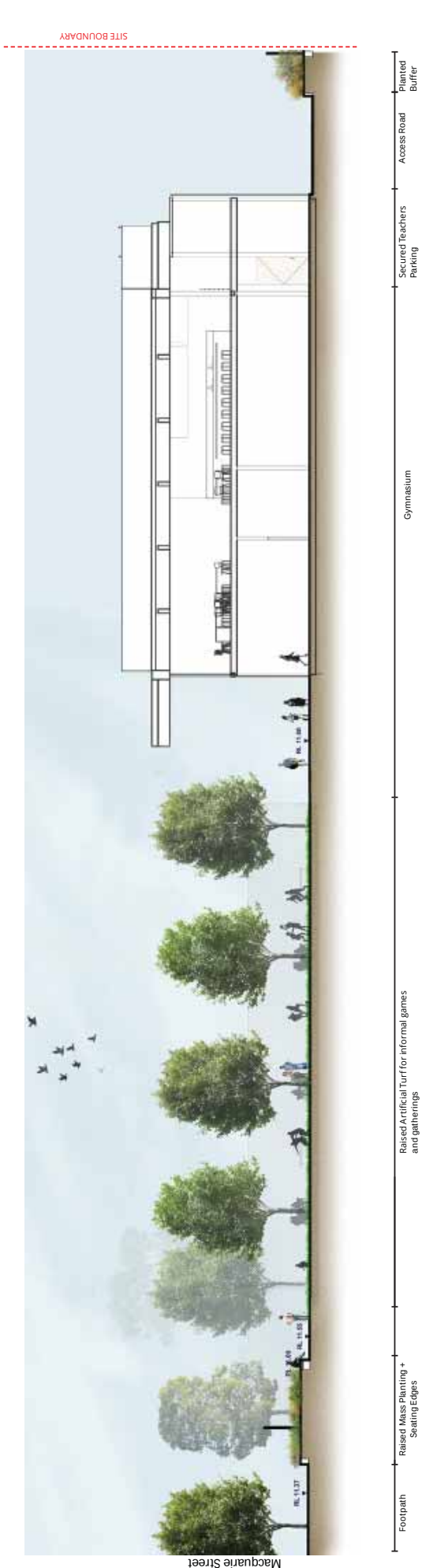
Key

- 1 Open turf area
- 2 Planted areas with seating at edges to base of existing fig trees to protect existing roots
- 3 Turf mound to retain existing levels around existing Eucalyptus sp to be retained
- 4 1.8m high palisade fence to periphery of shared space
- 5 Arthur Phillip High School multi-purpose courts with 3.6m high fencing
- 6 Paved paths connecting Macquarie Street and Parramatta Primary School
- 7 Existing heritage building retained accommodating shared school uses
- 8 Flexible zone with hard surface used for a combination of school and public uses
- 9 Proposed generous footpath connection at corner of Smith and Macquarie Streets
- 10 Existing trees retained
- 11 Proposed native evergreen trees to periphery of shared space

Arthur Phillip High School Section 1 + 2



Arthur Phillip High School Section 3



Arthur Phillip High School + Parramatta Public School
Development Application

ASPECT Studios™

Client
Architect

Department of Education
Grimshaw + BVN

Drawn
Checked

TH
SVB | SC

Scale
Date

1:250 @ A3
20.04.2016

Dwg.
Rev.

LA_DA-08
05

Parramatta Public School Illustrative View



Shared Open Space Section 1



Connects to PPS Section 2

Smith Street | Open Turf Area | Timber Deck around existing Fig | Path | Open Turf Area | Timber Deck around existing Fig | Open Turf Area | Flexible Opening Gates | Open Turf Area | Active Area



Arthur Phillip High School + Parramatta Public School
Development Application

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Client
Architect

Department of Education
Grimshaw + BVN

Drawn
Checked

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SVB | SC

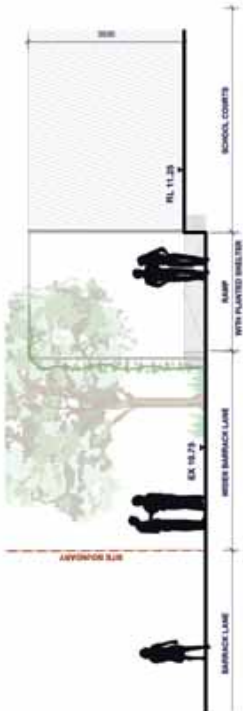
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20.04.2016

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Rev.

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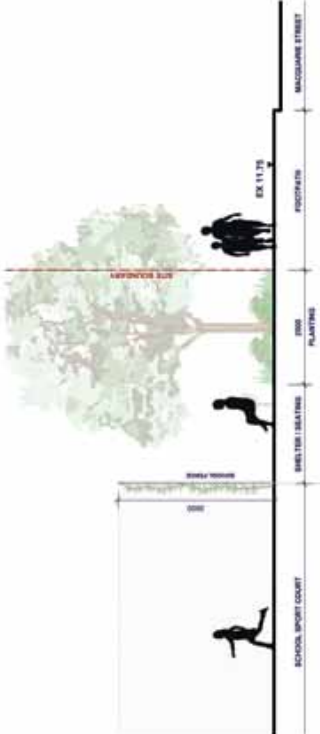
Fence and Boundary Conditions



Section AA



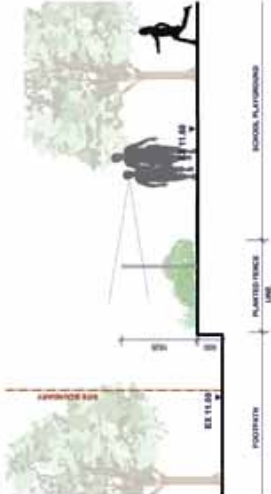
Arbor structure with climbing plants over



Section BB



Mesh fence structure with climbing plants

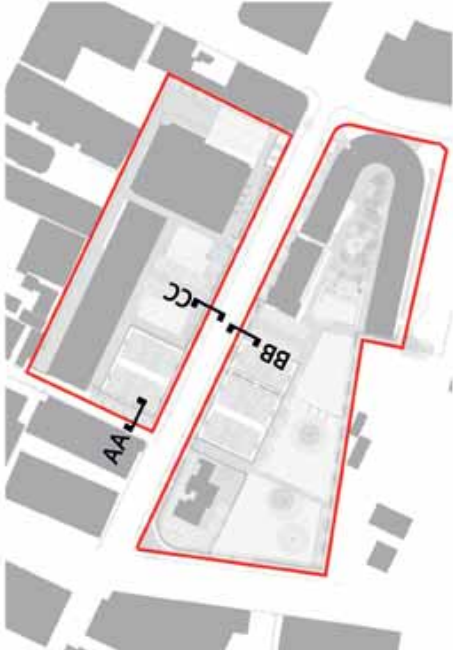


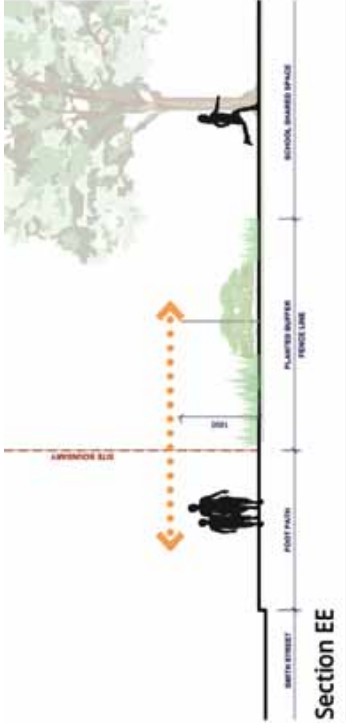
Section CC



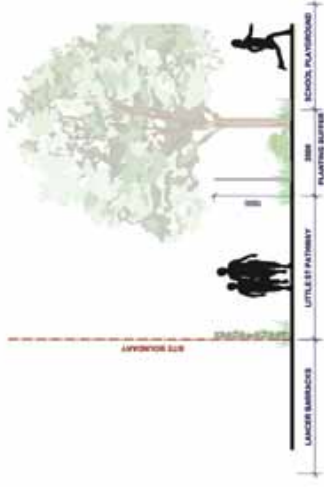
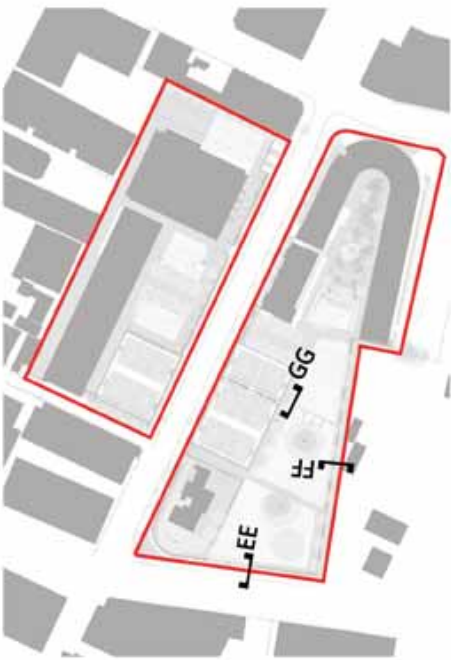
Painted steel palisade fence

The approach to fencing of the schools has been lead by the requirements of the Department of Education guidelines. Periphery fencing of each school campus is a minimum of 1800mm high, with internal fencing between the primary school and shared space lowered to 1200mm to encourage permeability across the two spaces. Where possible fence lines have been set back within areas of planting to soften their visual impact.

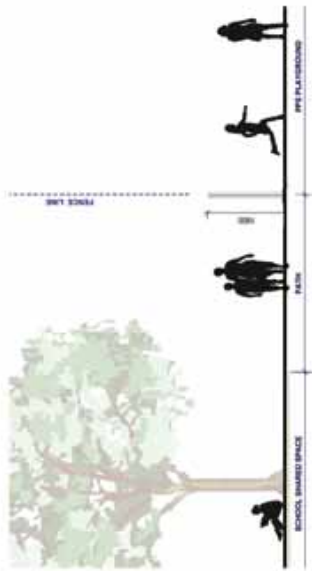




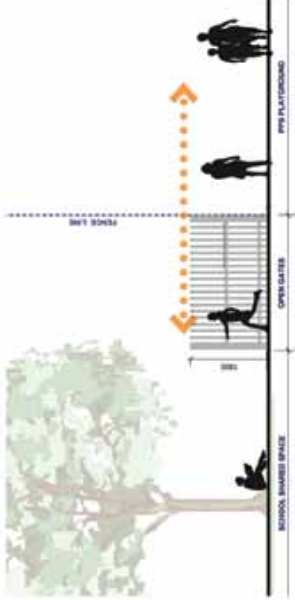
Palisade fence with planting on both sides



Planted Buffer to Fence Line

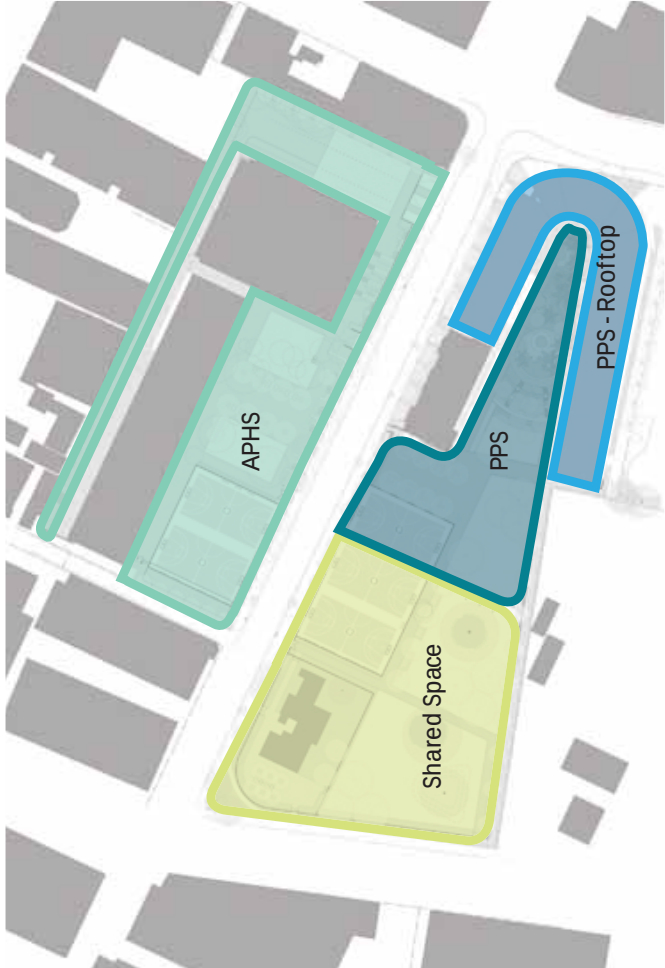


Palisade fence with pivot function



Palisade fence with pivot function

Planting Palette



Livistona australis



Howea forsteriana



Banksia serrata



Viola hederacea



Cyrtomium falcatum



Dietes Grandiflora



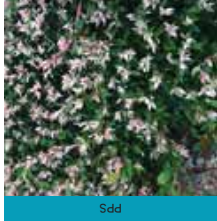
Pennisetum alopecuroides 'Nafray'



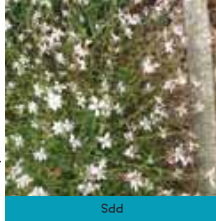
Gazania ultmale



Gaura lindheimeri



Trachelospermum tricolour



Eriogon karvinskianus

PPS

Botanic Name	Common Name	Estimated Pot Size	Native / Exotic
New Trees			
Livistona australis	Cabbage Tree Palm	800L	native
Howea forsteriana	Kentia Palm	800L	native
Eucalyptus haemosticta	Scribbly Gum	800L	native
Eucalyptus saligna	Sydney Blue Gum	800L	native
Livistona serrata	Old Man Banksia	800L	native
Low Shrubs and Groundcovers			
Gaura lindheimeri	Butterfly Bush	300mm	exotic
Viola hederacea	Native Violet	200mm	exotic
Lomandra 'Tanika'	Tanika	300mm	native
Russelia equisetiformis	Firecracker Plant	200mm	exotic
Poa labillardieri	Tussock Grass	200mm	native
Tulbaghia violacea	Society Garlic	300mm	exotic
Acanthus mollis	Bears Breeches	200mm	exotic
Calathea zebrina	Zebra Plant	300mm	exotic
Dietes robinsonia	Lord Howe Wedding Lily	300mm	native
Trachelospermum Tricolour	Tricolour Jasmine	200mm	exotic
Pennisetum alopecuroides 'Nafray'	'Nafray' Fountain Grass	200mm	exotic
Helichysum petiolare	Silver Bush	200mm	exotic
Chryscephalum apiculatum	Yellow Buttons	200mm	native
Dichondra repens	Kidney Weed	300mm	exotic
Eriogon karvinskianus	Seaside Daisy	300mm	exotic

ROOFTOP

Botanic Name	Common Name	Estimated Pot Size	Native / Exotic
New Trees			
Citrus x sinensis	Orange Tree	500L	
Citrus australasica	Finger Lime	500L	exotic
Citrus reticulata	Mandarine Tree	500L	native
Citrus x latifolia	Tahitian Lime	500L	exotic
Citrus reticulata	Mandarine Tree	500L	exotic
Citrus limon	Lemon Tree	500L	exotic
Low Shrubs and Groundcovers			
Dichondra argentea	Silver fall	300mm	exotic
Carpobrotus glaucescens	Pig Face	200mm	exotic
Cerastium tomentosum	Snow in Summer	300mm	exotic
Kalanchoe thyrsiflora	Flapjack	200mm	exotic
Mentha piperita	Peppermint	200mm	exotic
Pennisetum alopecuroides 'Nafray'	'Nafray' Fountain Grass	200mm	native
Lomandra longifolia 'Tanika'	'Tanika' Mat Rush	300mm	native

Client	Department of Education
Architect	Grimshaw + BVN

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Arthur Phillip High School + Parramatta Public School
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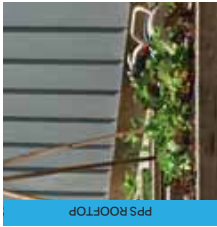
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Mandevilla laxa



Vegetable Seedlings



Bougainvillea glabra



Philodendron xanadu



Poa labillardierei



Chryscephalum apiculatum



Vitis vinifera



Russelia equisetiformis



Hibertia scandens



Anigozanthos Regal Velvet



Pennisetum alopecuroides 'Nafray'



Kalanchoe thyrsiflora



Dietes robinsonia



Lomandra tanika



Banksia serrata



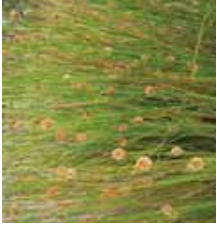
Helichrysum petiolare



Ceratium tomentosum



Acmena smithii



Isoplepis nodosa



Eucalyptus haemastoma



Cirsium linon



Cirsium reticulata



Ulmus variegata



Findersia australis



Eucalyptus saligna

<i>Vitis vinifera</i>	Grape Vine	200mm	exotic
<i>Poa labillardierei</i> 'Eskdale'	Tussock Grass	200mm	native

APHS

Botanic Name	Common Name	Estimated Pot Size	Native/ Exotic
New Trees			
<i>Acmena Smithii</i>	Common Lily Pily	500L	native
<i>Ulmus variegata</i>	Silver Elm	800L	exotic
<i>Findersia australis</i>	Australian Teak	500L	native
<i>Tristanopsis laurina</i>	Water Gum	500L	native
Low Shrubs and Groundcovers			
<i>Hesperaloe parviflora</i>	Red Yucca	300mm	exotic
<i>Bougainvillea glabra</i>	Bougainvillea	300mm	exotic
<i>Russelia equisetiformis</i>	Firecracker	300mm	exotic
<i>Pennisetum alopecuroides</i> 'Nafray'	'Nafray' Fountain Grass	200mm	exotic
<i>Lomandra longifolia</i> 'Tanika'	'Tanika' Mat Rush	300mm	native
<i>Poa labillardierei</i> 'Eskdale'	'Eskdale' Tussock Grass	200mm	native
<i>Hibertia scandens</i>	Snake Vine	200mm	native
<i>Dichondra repens</i>	Kidney Weed	300mm	native
<i>Trachelospermum Tricolour</i>	Tricolour Jasmine	300mm	exotic
<i>Dietes robinsonia</i>	Lord Howe Wedding Lily	300mm	native
<i>Chryscephalum apiculatum</i>	Yellow Buttons	200mm	native
<i>Philodendron xanadu</i>	Xanadu	300mm	exotic
<i>Isoplepis nodosa</i>	Knobby Club Rush	300mm	native
<i>Gaura lindheimeri</i>	Butterfly Bush	300mm	exotic

SHARED SPACE + BOUNDARY

Botanic Name	Common Name	Estimated Pot Size	Native/ Exotic
New Trees			
<i>Eucalyptus saligna</i>	Sydney Blue Gum	800L	native
<i>Banksia ericifolia</i>	Heath-Leaved Banksia	800L	native
<i>Banksia serrata</i>	Old Man Banksia	800L	native
<i>Eucalyptus haemastoma</i>	Scribbly Gum	800L	native
Low Shrubs and Groundcovers			
<i>Dietes robinsonia</i>	Lord Howe Wedding Lily	300mm	exotic
<i>Pennisetum alopecuroides</i> 'Nafray'	'Nafray' Fountain Grass	200mm	exotic
<i>Lomandra longifolia</i> 'Tanika'	'Tanika' Mat Rush	300mm	native
<i>Poa labillardierei</i> 'Eskdale'	'Eskdale' Tussock Grass	200mm	native
<i>Chryscephalum apiculatum</i>	Yellow Buttons	200mm	native
<i>Anigozanthos 'Regal Velvet'</i>	Regal Velvet Kangaroo Paw	200mm	native
<i>Hibertia scandens</i>	Snake Vine	200mm	native
<i>Westringia luteicosa</i> 'Grey Box'	Coastal Rosmary	200mm	native

Materials Palette

Paving + Surfaces



Asphalt and paint graphics



Forecourt Paving



Paved sports courts



Artificial Turf



Timber Decking



Crushes sandstone

Walls + Edges



Concrete Wall



Insitu Concrete Wall



Sport court fence



Wide concrete edge



Pallisade Fence



Insitu concrete amphitheatre

Furniture



Timber seating



Canopies



Fixed round table



Raised timber deck



Fixed table Setting



Arbor Structure

Play Equipment



Sandpit



Table tennis



Astro turf mound



Play equipment



Slide



Rope play