

# New Primary School in Edmondson Park Landscape Drawings and Design Report

## DRAWING LIST

TITLE	DWG No.	REV.
COVER SHEET	LA-W-REP-000-A	F
DESIGN PRINCIPLES	LA-W-REP-001-A	C
EFSG REQUIREMENTS	LA-W-REP-002-A	D
LANDSCAPE MASTERPLAN	LA-W-REP-100-A	F
DETAIL LANDSCAPE PLAN - NORTH	LA-W-REP-101-A	F
DETAIL LANDSCAPE PLAN - SOUTH	LA-W-REP-102-A	F
LANDSCAPE SURFACES FINISHES PLAN - NORTH	LA-W-REP-103-A	E
LANDSCAPE SURFACES FINISHES PLAN - SOUTH	LA-W-REP-104-A	E
LANDSCAPE LEVELS AND GRADING PLAN - NORTH	LA-W-REP-105-A	D
LANDSCAPE LEVELS AND GRADING PLAN - SOUTH	LA-W-REP-106-A	D
LANDSCAPE SECTION A	LA-W-REP-200-A	E
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INDICATIVE MATERIALS - PALETTE	LA-W-REP-306-A	E
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INDICATIVE PLANT SCHEDULE	LA-W-REP-309-A	C
SEAR RESPONSE	LA-W-REP-400-A	C



CONTEXT PLAN

Date	Rev. Description	Rev
13/08/21	Issue for SSDA - Response to Submissions	D
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# Design Principles



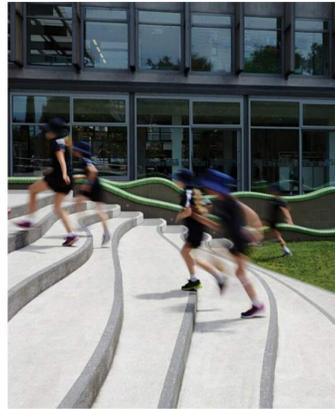
## 1. Context, Built Form and Landscape

- Consider Aboriginal cultural heritage and cultural plantings in the design
- Respond to site topography
- Address interface between community driven spaces and educational focused areas
- Respond to surrounding new residential and commercial developments
- Integrate transport including active pedestrian and cycle movement corridors
- Enhance existing endemic species such as Cumberland Plain Woodland
- Create a sense of identity through place-making and a strong community focused design



## 2. Sustainable, Efficient and Durable

- Develop a 'Climate Ready School' approach as part of a long term resilient strategy
- Respond to site aspect and micro-climate, particularly solar access, air quality and wind exposure
- Integrate WSUD into the design
- Select sustainable, robust and durable materials
- Promote active and public transport access
- Enhance biodiversity and reintroduce endemic species such as Cumberland Plain Woodland vegetation
- Respond to Urban Heat Island effect



## 3. Accessible and Inclusive

- Provide school entries that are safe, accessible, visible and welcoming
- Ensure good accessibility and legibility within the school
- Create clear through site links within the site
- Ensure pedestrian and cycle movement corridors accommodate and link to surrounding transport networks



## 4. Health and Safety

- Respond to local access and connections – footpaths, cycleways, bus, kiss n' drop
- Provide covered areas for protection from sun, rain and wind
- Support a better quality of life for students and local community members
- Sustain good mental and physical health
- Provide secure community accessible areas outside of school hours



## 5. Amenity

- Provide adequate outdoor space to accommodate student population, including future growth
- Ensure close interfaces between indoor and outdoor uses and spaces
- Provide landscape buffers to setback zones
- Implement areas for sociable activities which is inclusive of place-making



## 6. Whole Life, Flexibility and Adaptive

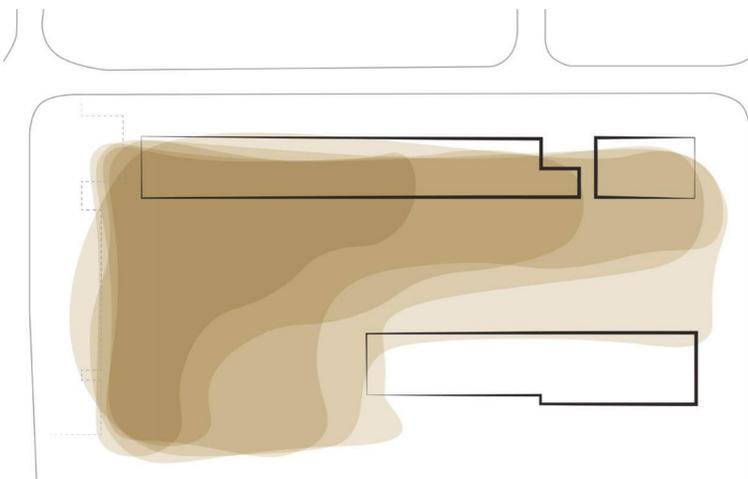
- Create a connective network of spaces which integrate play, create interest and a sense of place
- Provide capacity for multiple-use spaces which are flexible in use and have the potential to adapt to the change in functional requirements over time



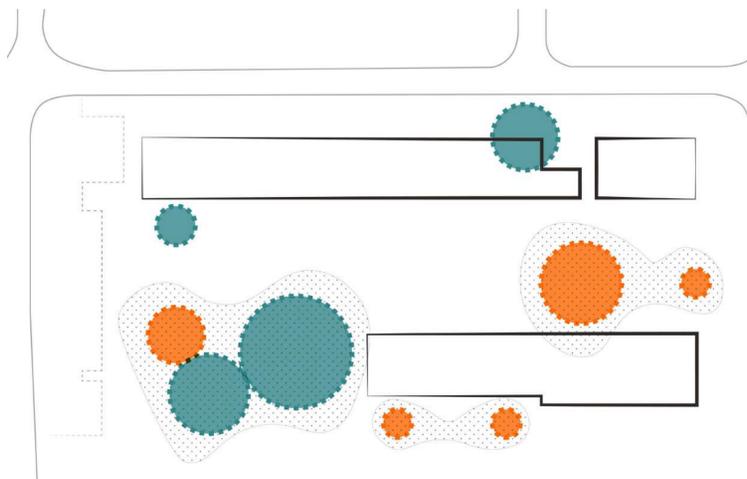
## 7. Aesthetics

- Create engaging and attractive environments
- Ensure landscape and building design are integrated
- Screen car parking and service zones
- Minimise and integrate security fencing into the design
- Create a stimulating environment which enhances and inspires learning

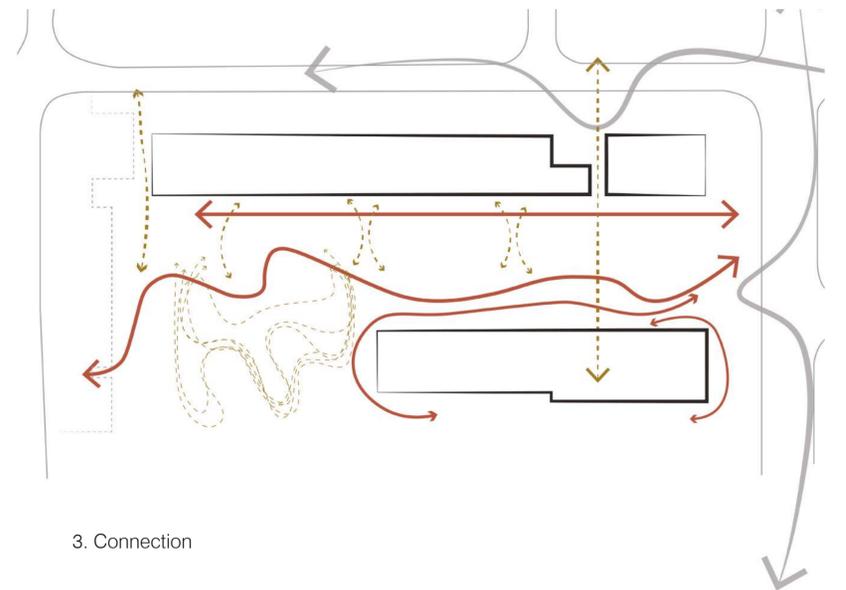
# Site Narrative



1. Landform



2. Interaction



3. Connection

## Landscape Typologies

The masterplan provides a range of open spaces to facilitate student's learning, physical activity, socialising and well-being. Relationships and adjacencies of uses and circulation patterns have been considered between indoor and outdoor spaces to ensure the smooth operation and use of all areas.

While meeting the functional criteria for the school, the landscape should also reflect the local character of the area, increase tree canopy cover and vegetation, and create a comfortable and inspiring environment for students, staff and visitors.

## Accommodation Summary

The masterplan needs to accommodate the EFSG requirements of open space for a Core 35 Primary School. The requirements for Core 35 are shown in the table below.

EFSG Unit	Stream 9 Requirement
PS604 SERVERY COVERED AREA - TYPE 4	200m <sup>2</sup>
PS604 COVERED OUTDOOR LEARNING AREA (COLA)	439m <sup>2</sup>
PS505 GAMES UNIT	1 Total
PS607 ASSEMBLY AREA	875m <sup>2</sup>

\* inclusive of Assembly Court, all Covered Outdoor Spaces, Outdoor Learning Units, Games Field & Courts, and 'passive open spaces'.



Servery Covered Area  
- 200m<sup>2</sup>



Covered Outdoor Learning  
Area (COLA) - 439m<sup>2</sup>



Games Unit - 455m<sup>2</sup>



Assembly/ Amphitheatre  
Area - 630m<sup>2</sup>





LEGEND

- ① Main school entrance
- ② Secondary entry and ramp access
- ③ Pre-school Entrance
- ④ Vehicle entrance to carpark and pre-school drop off area
- ⑤ After hours pedestrian access
- ⑥ Amphitheatre and assembly area
- ⑦ COLA
- ⑧ Organised play and gathering space with formal canopy cover
- ⑨ Outdoor classrooms
- ⑩ Obstacle free building pedestrian access
- ⑪ SSU outdoor space and sensory garden
- ⑫ Active open recreational space
- ⑬ Semi-terraced Bush Food Garden
- ⑭ Games court
- ⑮ Planting embankment
- ⑯ Main access path
- ⑰ Indicative Pre-school outdoor play
- ⑱ Cycle facilities / bench seating
- ⑲ Pre-school drop off and parking area
- ⑳ Waste Area
- ㉑ Cycle storage units
- ㉒ Maintenance path

GA - FOR PHOTOSHOP  
1:500

Refer to Drawing L102    Refer to Drawing L101

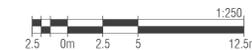
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LEGEND

- ① Main pedestrian access
- ② Secondary entrance and ramp access
- ③ Cycle Storage units
- ④ After hours pedestrian access
- ⑤ Canteen and COLA area
- ⑥ Amphitheatre/ Assemble area
- ⑦ Boundary edge buffer planting. All trees 1m from fences and 6m from substation/FPR
- ⑧ Outdoor play and gathering area
- ⑨ Passive recreational space
- ⑩ Outdoor classrooms
- ⑪ Unobstructed building front access
- ⑫ SSU Outdoor play and sensory garden
- ⑬ Connecting pedestrian access routes
- ⑭ Embankment planting
- ⑮ Building canopy
- ⑯ Maintenance path
- ⑰ Ramp access
- ⑱ Stair access



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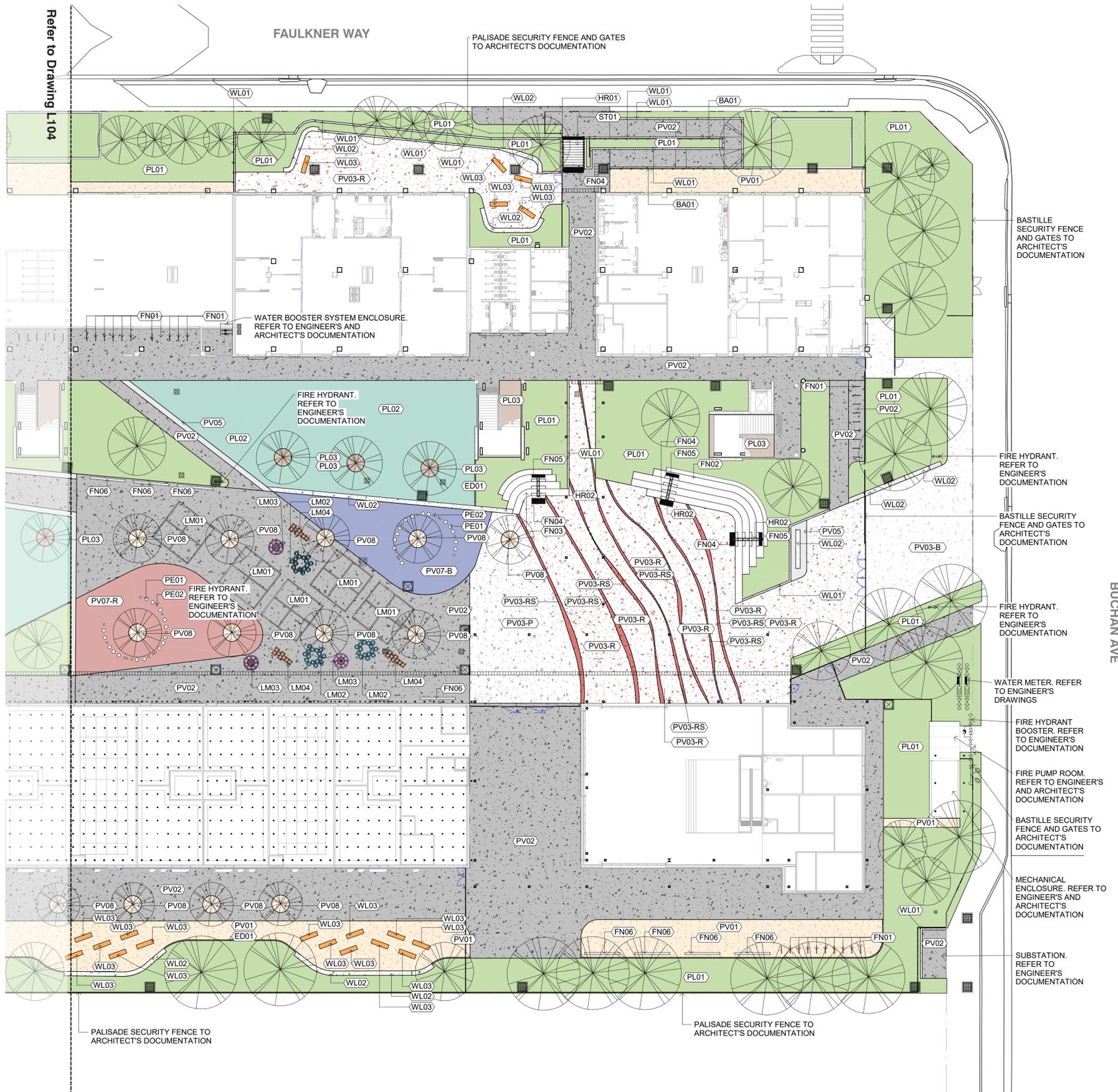
LEGEND

- ① Pre-school pedestrian entrance
- ② Vehicle entrance off Faulkner Way
- ③ Pre-school 'Kiss and Ride'
- ④ Carparking area
- ⑤ Pedestrian access from carpark
- ⑥ Secondary access point to primary school
- ⑦ Bench seating
- ⑧ Cycle Storage area
- ⑨ Indicative Pre-school outdoor play
- ⑩ Main pedestrian access spine
- ⑪ Embankment and terraced planting
- ⑫ Bush Food Planting
- ⑬ Games Court
- ⑭ Active outdoor recreational space
- ⑮ Connecting pedestrian access routes
- ⑯ Feature planting
- ⑰ Unobstructed building front access
- ⑱ Boundary edge and screen planting
- ⑲ Waste bin area
- ⑳ Maintenance path



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**SURFACE FINISHES**

- (PV01) DECOMPOSED GRANITE
- (PV02) INSITU CONCRETE PAVING
- (PV03-B) INSITU CONCRETE PAVING WITH BLUE GUM OXIDE TO COLOUR
- (PV03-R) INSITU CONCRETE PAVING WITH BRICK RED OXIDE TO COLOUR
- (PV03-RS) INSITU CONCRETE PAVING SANDBLASTED WITH RED BRICK OXIDE TO COLOUR
- (PV03-P) INSITU CONCRETE PAVING WITH PEWTER OXIDE TO COLOUR
- (PV04) PAINTED ASPHALTIC CONCRETE
- (PV05) BRICK PAVERS LAID STRETCHER BOND
- (PV06) VEHICULAR ASPHALTIC CONCRETE
- (PV07-B) BLUE RUBBER SOFT FALL
- (PV07-C) CHARCOAL RUBBER SOFT FALL
- (PV07-G) GREY RUBBER SOFT FALL
- (PV07-R) RED RUBBER SOFT FALL
- (PV08) PERMEABLE PAVING TO TREE PITS

**SPORTS EQUIPMENT**

- (SP01) HEAVY DUTY REVERSIBLE OUTDOOR BASKETBALL AND NETBALL SYSTEM
- (SP02) REMOVEABLE VOLLEYBALL NET WITH POSTS AND GROUND SLEEVES

**SOFT LANDSCAPE**

- (PL01) PLANTING ON GRADE
- (PL02) TURF ON GRADE
- (PL03) MULCH ON GRADE

**LINEMARKING**

- (LM01) WHITE LINE MARKED HANDBALL COURT 5m x 5m
- (LM02) BLUE LINE MARKED BUNCH GAME 500mm DIAMETER CIRCLES
- (LM03) PINK LINE MARKED WHEEL GAME 1700mm DIAMETER
- (LM04) ORANGE LINE MARKED HOPSCOTCH 900mm x 2480mm
- (LM05) 50mm YELLOW LINE MARKED BASKETBALL COURT TO EFGS
- (LM06) 50mm GREEN LINE MARKED NETBALL COURT TO EFGS
- (LM07) 50mm RED LINE MARKED VOLLEYBALL COURTS TO EFGS

**EDGES**

- (ED01) HARWOOD TIMBER EDGE
- (ED02) 100mm WIDE CONCRETE EDGE

**STAIRS**

- (ST01) CONCRETE STAIRS WITH ANTI-SLIP NOSING

**PLAY EQUIPMENT**

- (PE01) 400mm DIAMETER TALLOWOOD STUMP
- (PE02) 200mm DIAMETER TALLOWOOD STUMP
- (PE03) SANDPIT

**FURNITURE**

- (FN01) BICYCLE HOOP
- (FN02) NORTHERN CONCRETE BLEACHERS
- (FN03) SOUTHERN CONCRETE BLEACHERS
- (FN04) 600mm WIDE TGS1 STRIP
- (FN05) 300mm WIDE TGS1 STRIP
- (FN06) IN-GROUND BENCH SEAT
- (FN07) STEEL AND FABRIC SHADE SAIL
- (FN08) STEEL GARDEN ARCH
- (FN09) STEEL SCOOTER AND SKATEBOARD RACK

**WALLS**

- (WL01) 200mm WIDE CONCRETE WALL
- (WL02) 500mm WIDE CONCRETE WALL
- (WL03) SANDSTONE SEATING LOGS
- (WL04) TIMBER SLEEPER WALL

**HANDRAILS**

- (BA01) STEEL BALUSTRADE WITH VERTICAL BARS
- (HR01) DUAL HEIGHT HANDRAIL IN TUBULAR STEEL
- (HR02) DUAL HEIGHT HANDRAIL IN TUBULAR STEEL FOR CENTRE OF STAIR
- (HR03) DUAL HEIGHT HANDRAIL IN TUBULAR STEEL WITH SHEET STEEL KICK RAIL



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### SPORTS EQUIPMENT

	SP01	HEAVY DUTY REVERSIBLE OUTDOOR BASKETBALL AND NETBALL SYSTEM
	SP02	REMOVEABLE VOLLEYBALL NET WITH POSTS AND GROUND SLEEVES

### STAIRS

	ST01	CONCRETE STAIRS WITH ANTI-SLIP NOSING
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### HANDRAILS

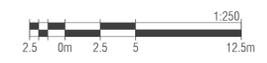
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	HR01	DUAL HEIGHT HANDRAIL IN TUBULAR STEEL
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### SOFT LANDSCAPE

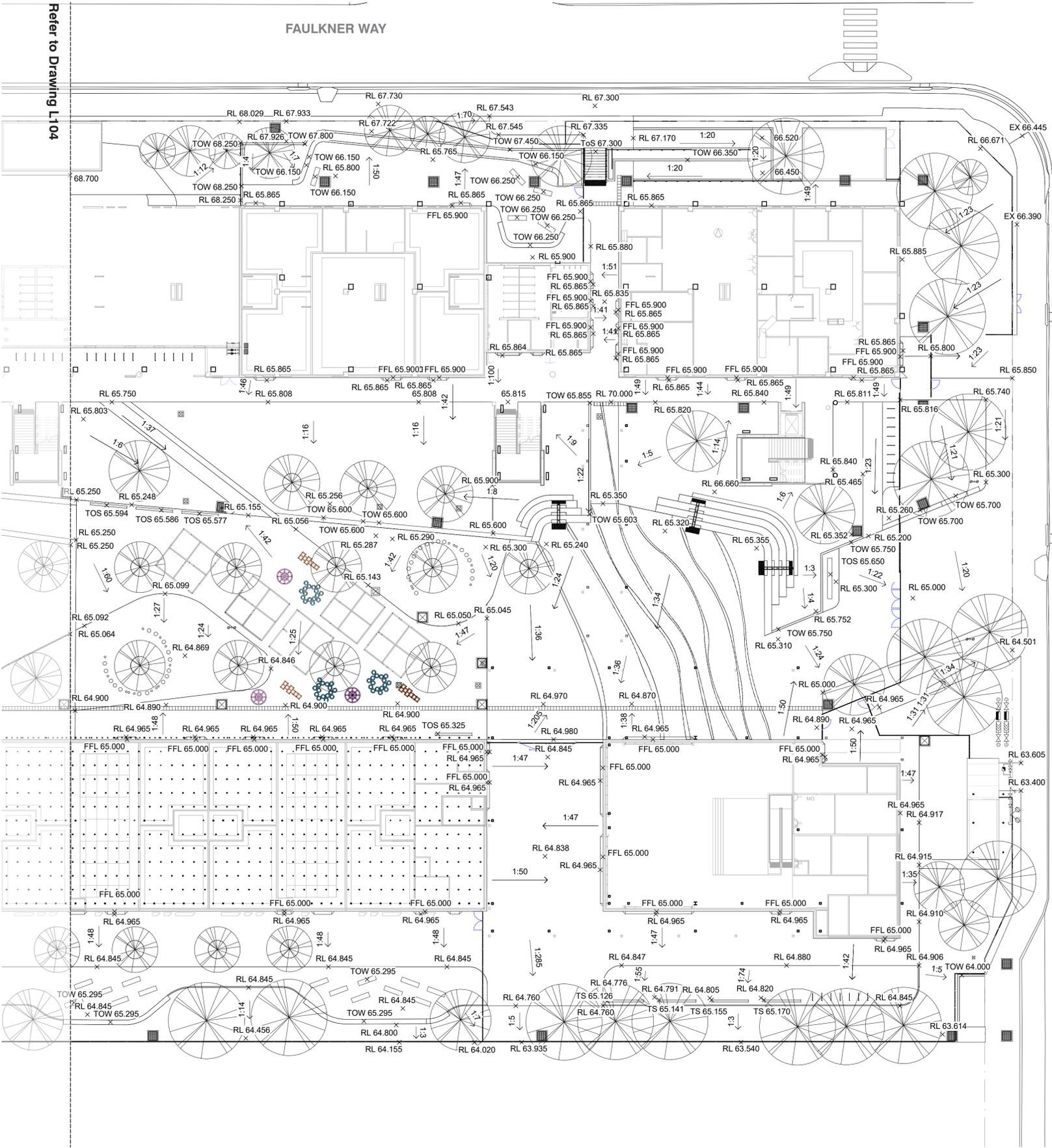
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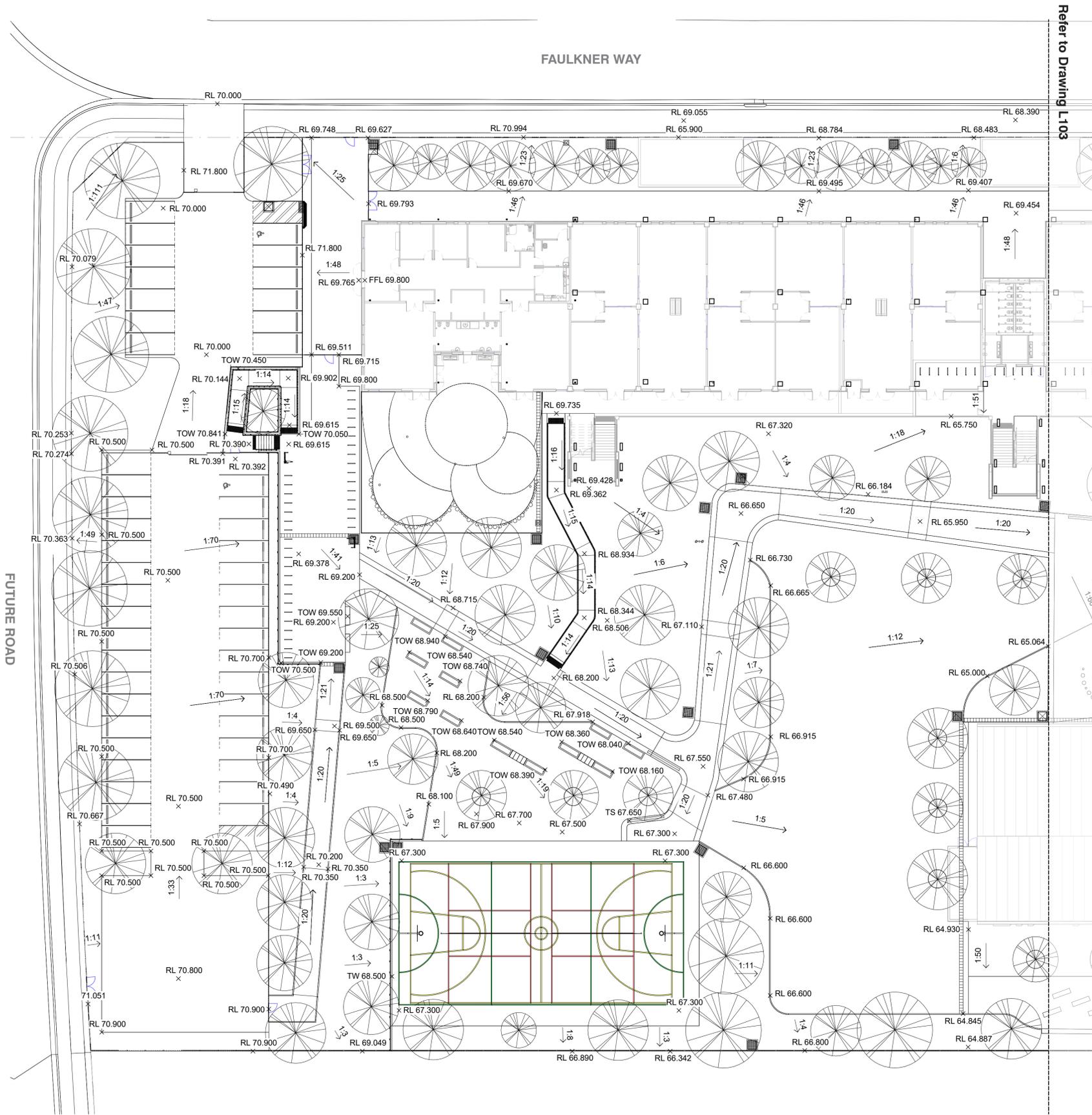
### PLAY EQUIPMENT

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	PE03	SANDPIT



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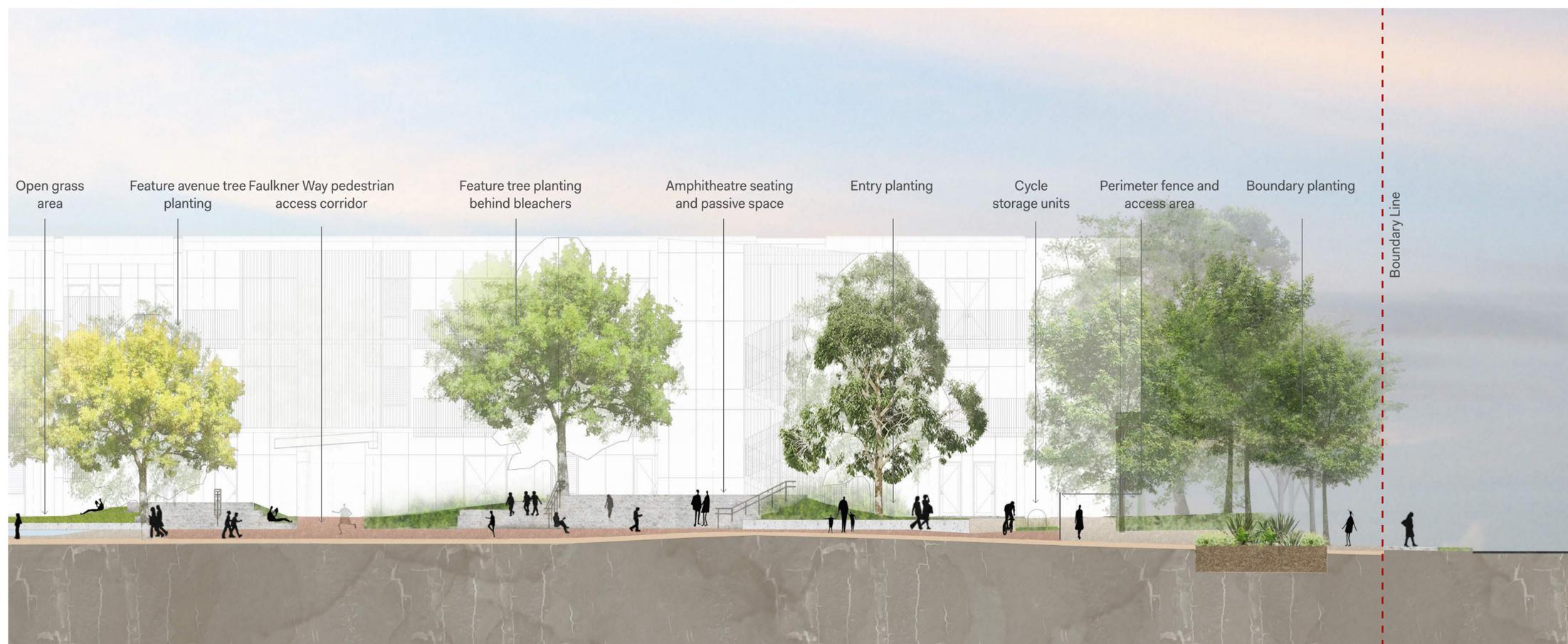
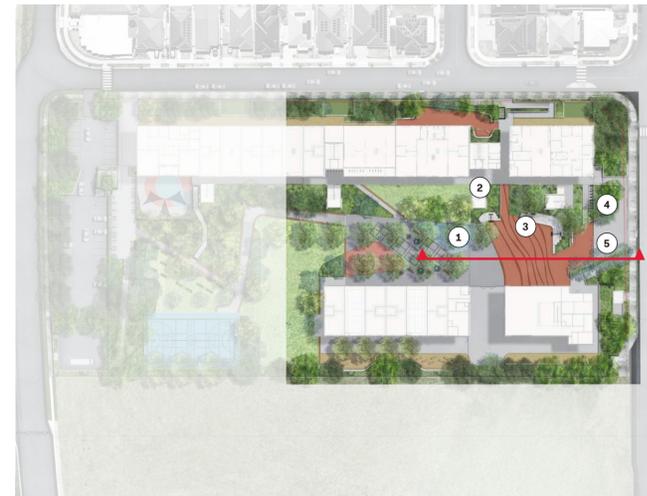
**GRADING AND DRAINAGE**

EX 0.000 ⊕	EXISTING LEVEL
FFL 0.000 ⊕	FINISH FLOOR LEVEL
SSL 0.000 ⊕	STRUCTURAL SLAB LEVEL
RL 0.000 ×	REDUCED LEVEL
TS 0.000 ×	TOP OF SEAT LEVEL
ToS 0.000 ⊕	TOP OF STAIR LEVEL
BoS 0.000 ⊕	BOTTOM OF STAIR LEVEL
TOW 0.000 ×	TOP OF WALL LEVEL
TOF 0.000 ×	TOP OF FENCE LEVEL
1:8	SURFACE GRADING
	STORMWATER PITS. REFER TO ENGINEER'S DOCUMENTATION

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- LEGEND**
- ① Assembly area with feature deciduous tree avenue planting
  - ② Informal passive grass area
  - ③ Entrance courtyard area
  - ④ Boundary planting
  - ⑤ Buchan Street main entrance. Cycle storage units positioned along edge treatment



Open grass area    Feature avenue tree planting    Faulkner Way pedestrian access corridor    Feature tree planting behind bleachers    Amphitheatre seating and passive space    Entry planting    Cycle storage units    Perimeter fence and access area    Boundary planting

Amphitheatre / Assembly area and functional passive space    Connecting walkway from Faulkner Way    Amphitheatre / Assembly area with graded step seating and coloured concrete with water sand blasted design as part of the Connection to Country integration    Entrance with cycle storage facilities and planting embankments    Footway and roadside planting verge along Buchan Ave    Existing carriageway

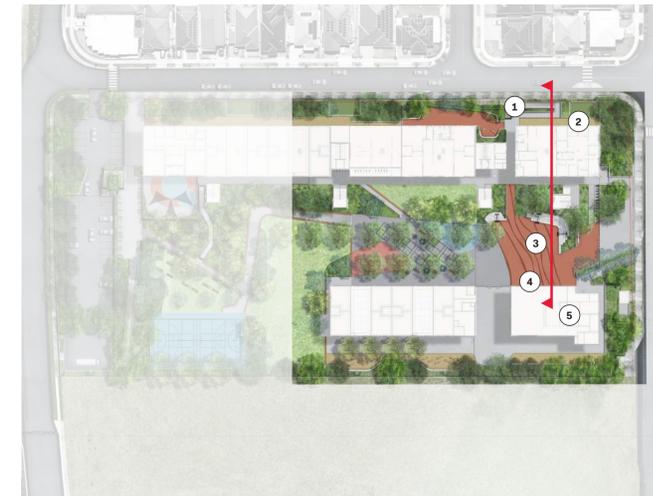


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**LEGEND**

- ① Ramp access to site
- ② Maintenance path
- ③ Entrance courtyard area
- ④ Building front access
- ⑤ Hall and COLA Building

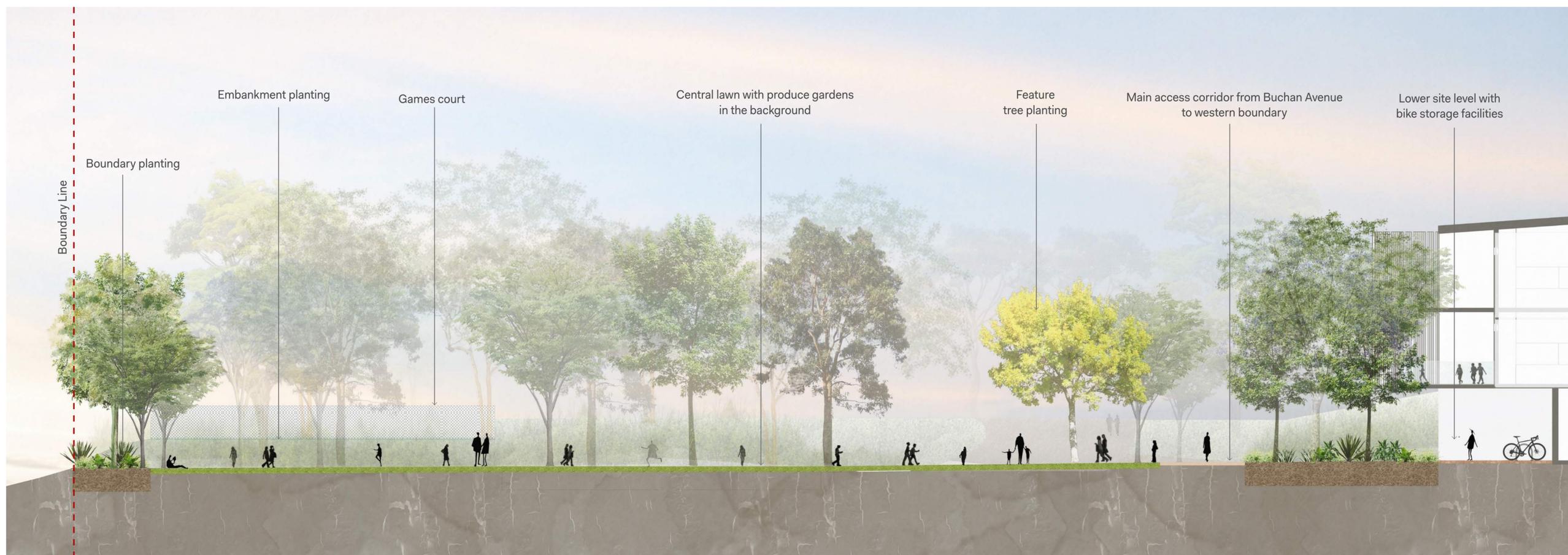
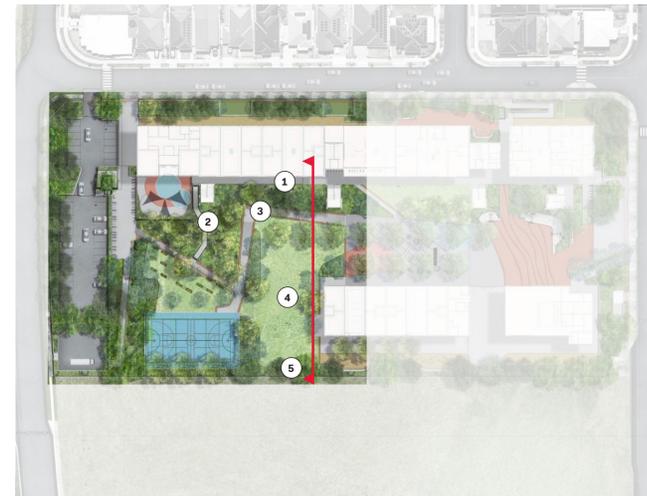


Building | Large open space for assembly and large gathering | Planting to mitigate level changes and buffer classrooms | Building | 4m maintenance path | 1:20 ramp from site entry point | External footpath

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- LEGEND**
- ① Obstacle free building front movement corridor
  - ② Ramp access
  - ③ Main access spine
  - ④ Informal active open space
  - ⑤ Boundary buffer planting



Boundary planting

Open lawn and planting play area.  
Perimeter tree and understorey planting.

Pedestrian spine connecting  
main courtyard area to  
eastern side school facilities  
including pre-school and  
carpark area

Buffer planting

Building



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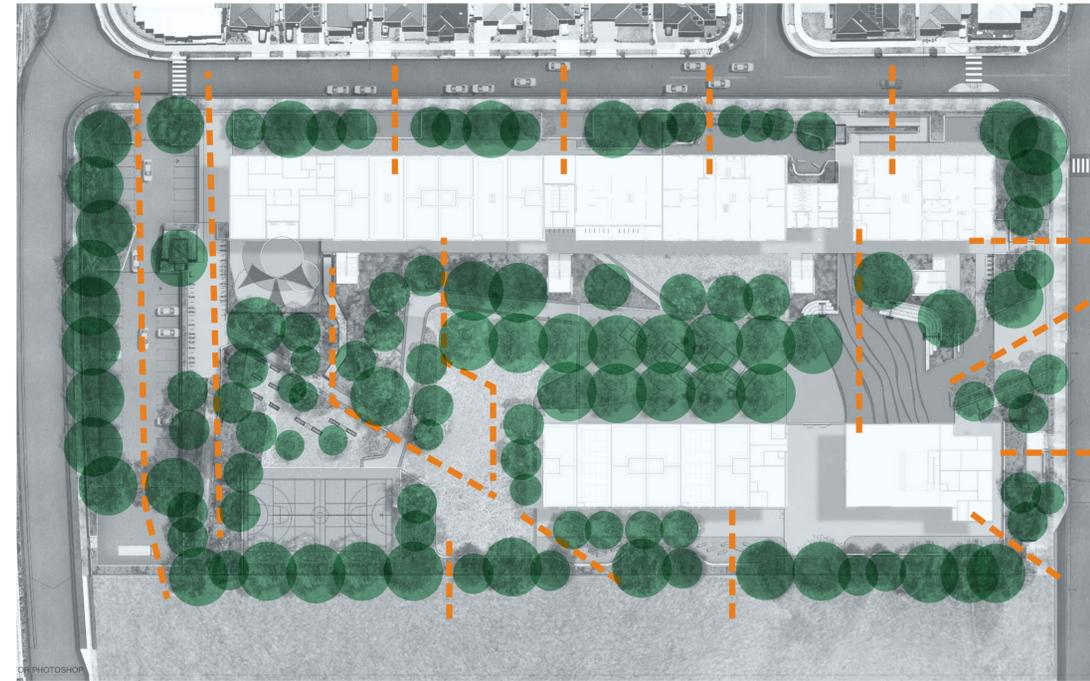


## Planting Strategy



- LEGEND
- Feature Planting/ Sensory Planting
  - Cumberland Plain Perimeter Planting
  - Lawn Planting
  - Embankment Planting
  - Edible Planting

## Tree Canopy Cover



- LEGEND
- New Canopy
  - - - Site Boundary
  - - - Breaks in canopy

Site Area: 20885m<sup>2</sup>  
 Proposed canopy at maturity:  
 13135m<sup>2</sup>  
 Coverage rate: 62%  
 Number of trees: 126

\*Approximate calculations.

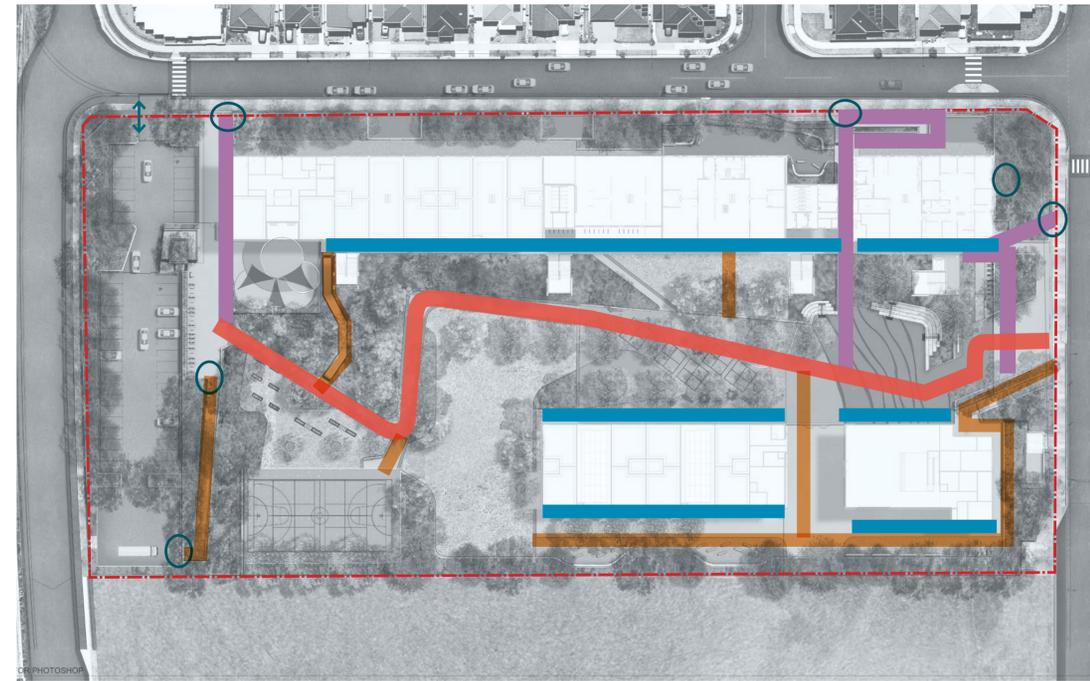
Note, to help manage bushfire, groupings of trees are required to be separated 2 to 5m at maturity. In addition, trees at maturity should not touch or overhang the buildings.

## Fencing Strategy



- LEGEND
- - - Pedestrian Entrance Gate
  - Perimeter Security Fencing
  - - - Court Fencing
  - ▨ Planting Buffer
  - - - Boundary
  - ↔ Vehicle access

## Pedestrian Movement Corridor



- LEGEND
- Access Spine
  - Pedestrian Corridor Links
  - Unobstructed Building Front
  - Connecting Walkway
  - ↔ Vehicle Access Points
  - Pedestrian Entry Points

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Entrance Areas



Outdoor Assembly Area



Image:  
AHR, Rowley Learning Campus,  
United Kingdom

Image:  
Lipman-Context, Bella-Vista  
Public School, NSW

Image:  
AHR ,David Livingstone  
Memorial Primary School , UK



Image:  
Germany



Image:  
OCULUS, Loreto Mandeville, VIC

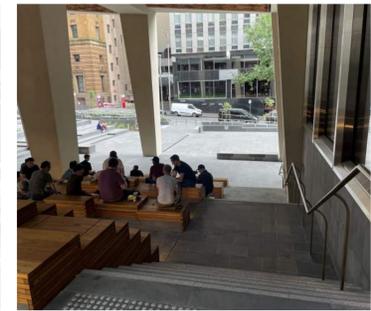


Image:  
Woods Baggot,  
Collins Arch, VIC

Servery and COLA Areas



Open Play Space



Image:  
Scale Architecture, Australia Street  
Infants School, NSW



Image:  
ASPECT, Marrickville



Image:  
Melbourne Queen Victoria Gardens  
Victoria, Melbourne



Image:  
LSA Erskineville  
Primary School, NSW



Image:  
Children First  
Pre-School,  
Blacktown, NSW



Image:  
McGregor Smith,  
Marborough  
Primary School ,UK

Outdoor Learning



Games Court



Image:  
RB Landscapes,  
St Macartans PS, VIC



Image:  
Scotch Oakburn  
College, Tas



Image:  
Tyrrell Studio,  
Anzac Park  
Public School, NSW



Image:  
AHR, Front Street  
Primary School, UK



Image:  
Redding School of  
Arts, USA



Image:  
Peter Elliot  
Architecture, RMIT, VIC

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Passive Landscape



Active Informal Open Space



Image:  
EJE Architecture Ballina  
Coast High School, NSW



Image:  
TCL, Melbourne  
Girls Grammar  
School, VIC



Image:  
Encounter Lutheran  
College, SA



Image:  
Penrhos College,  
Como, WA



Image:  
Heathfield Primary  
School, SA



Image:  
Coleridge Primary  
School, London



Onsite Carpark and Vehicle Drop off Area



Perimeter Landscape Planting



Image: EJE Architecture Ballina Coast High School, NSW



Image: OCULUS, Cardinal Freeman Village, NSW

Image: Sam Cox Landscapes, Curlewis, VIC

Image: Clermont Park Edmondson Park, NSW

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# Indicative Materials

## Fence & Walls



2.15m security perimeter fence



Bastille fence



Internal balustrade



Concrete retaining walls



Sports court fencing

## Furniture



Concrete bench



Sandstone bench



In situ bleachers



Stainless steel handrails to AS1428

## Paving



In situ concrete



Coloured concrete



Decomposed granite



Brick paving



Coloured asphalt



Brick edging



Concrete edging

## Softscape



Mounding planting



At grade planting



Large active lawn



Linear tree planting



Layered, cascading planting

# Tree Schedule

Botanical name	Common name
<b>CENTRAL AND FEATURE TREES</b>	
<i>Brachychiton acerifolius</i>	Illawara Flame Tree
<i>Elaeocarpus reticulatus</i> 'Prima Donna'	Blueberry Ash Prima Donna
<i>Pyrus calleryana</i> 'Capital'	Ornamental Pear Capital
<i>Tristaniopsis laurina</i> 'Luscious'	Luscious Water Gum
<i>Waterhousia floribunda</i>	Weeping Lilly Pilly
<b>PERIMETER TREES</b>	
<i>Angophora floribunda</i>	Rough Barked Apple
<i>Brachychiton populneus</i>	Kurrajong Tree
<i>Callistemon salignus</i>	White Weeping Bottlebrush
<i>Eucalyptus longifolia</i>	Woollybutt
<i>Eucalyptus moluccana</i>	Grey Box
<i>Eucalyptus sideroxylon</i>	Mugga Ironbark Gum
<i>Lophostemon confertus</i>	Brush Box
<i>Melaleuca linariifolia</i>	Tea Tree
<b>EDIBLE TREES</b>	
<i>Backhousia citriodora</i>	Lemon-Scented Myrtle
<i>Davidsonia jerseyana</i>	Davidson Plum
<i>Sambucus australasica</i>	Yellow Elderberry



*Brachychiton acerifolius*



*Backhousia citriodora*



*Tristaniopsis luscious*



*Waterhousia floribunda*



*Pyrus calleryana* 'Capital'



*Angophora floribunda*



*Brachychiton populneus*



*Callistemon salignus*



*Eucalyptus sideroxylon*



*Melaleuca linariifolia*

Total trees: 126



# Shrubs and groundcovers schedule

Botanical name	Common name
<b>FEATURE AND EMBANKMENT PLANTING</b>	
<b>Border groundcovers (full sun)</b>	
Myoporum parvifolium	Myoporum
Chrysocephalum apiculatum	Yellow Buttons
Brachyscome diversifolia 'White Wash'	Rock daisy
<b>Grasses</b>	
Cymbopogon refractus	Barbed Wire Grass
Dichelachne micrantha	Short Hair Plume Grass
Juncus usitatus	Common Rush
Doryanthes excelsa	Gymea Lily
Lomandra multiflora	Many-Flowered Mat-Rush
Themeda triandra	Kangaroo Grass
<b>Grasses (part shade)</b>	
Libertia paniculata 'LPP01' PBR	Shadow Star
Dianella caerulea 'Cassa Blue'	Flax Lily
<b>Shrubs Mix 1 (full sun)</b>	
Hardenbergia 'Alba'	Happy Wanderer
Indigofera australis	Australian Indigo
Grevillea sericea	Silky Grevillea
Banksia spinulosa	Hairpin Banksia
Pelargonium Australe	Native Geranium
Wahlenbergia gracilis	Sprawling Bluebell

Botanical name	Common name
<b>Shrubs Mix 2 (part shade)</b>	
Melaleuca 'Claret Tops'	Claret Tops
Grevillea juniperina	Juniper-Leafed Grevillea
Ozothamnus diosmifolius	Rice Flower
Acacia howittii 'Honey Bun'	Wattle
Lomandra longifolia 'Tanika'	Tanika

<b>PERIMETER MASS PLANTING ON GRADE</b>	
<b>Groundcovers and grasses</b>	
Hibbertia scandens	Climbing Guinea Vine
Dianella caerulea	Paroo Lily
Myoporum parvifolium	Myoporum
<b>Shrubs</b>	
Callistemon 'Sweet Burst'	Dwarf Bottlebrush
Leptospermum Pink Cascade	Tea Tree Hybrid
Acacia howittii 'Honey Bun'	Wattle
Darwinia citriodora	Lemon Scented Darwinia



Lomandra longifolia 'Tanika'



Indigofera australis



Myoporum parvifolium



Brachyscome diversifolia 'white wash'



Melaleuca 'Claret Tops'



Doryanthes excelsa



Hibbertia scandens



Acacia howittii 'Honey Bun'



Hardenbergia 'Alba'



Themeda triandra



Dichelachne micrantha



Wahlenbergia gracilis



# Edible planting schedule

Botanical name	Common name
Beta vulgaris	Beetroot
Beta vulgaris ssp. vulgaris 'Rainbow'	Rainbow Silverbeet
Capsicum annuum 'Redskin'	Red capsicum
Citrus reticulata 'Imperial'	Dwarf Mandarin
Salvia officinalis	Sage
Hibiscus sabdariffa	Rosella
Kunzea pomifera	Muntries
Mentha australis	River Mint
Apium annuum	Sea Celery
Platysace deflexa	Youlk
Enchylaena tomentosa	Saltbush
Trachymene coerulea	Blue lace flower
Rubus Probus	Native Raspberry
Antidesma erostre	Wild currant
Melastoma affine	Blue Tongue or Native Lasiandra
Astromyrtus dulcis	Midyim berry
Disphyma crassifolium	Karkalla
Atriplex nummularia	Old man salt bush
Solanum centrale	Bush tomato
Citrus australasica	Finger Lime
Rubus parvifolius	Native raspberry
Prostanthera cineolifera	Singleton Mint
Carissa spinarum	Bush plum
Prostanthera rotundifolia	Native Oregano
Tetragonia Tetragonioides	Warrigal Greens

Botanical name	Common name
Solanum lycopersicum 'Totem'	Tomato Totem
Ocimum basilicum	Basil
Ocimum basilicum anise	Thai Basil
Helianthus annuus	Common Sunflower
Tagetes erecta sp	Marigold
Vigna unguiculata	Snake bean
Rheum x hybridum	Rhubarb 'ever red'
Pisum sativum var. saccharatum	Sugar Snap Pea
Allium cepa - red onion	Red onion
Aloysia citriodora	Lemon verbena
Cucurbita pepo hybrid	Zucchini 'gold max'
Pisum sativum var. saccharatum	Snow pea
Borago officinalis	Borage
Melissa officinalis	Lemon balm
Raphanus raphanistrum subsp. sativus	Radish
Solanum tuberosum - potato pontiac	Pontiac
Solanum tuberosum - potato snow gem	Snow Gem
Solanum tuberosum - potato royal blue	Royal Blue
Allium porrum	Leek
Brassica oleracea var. gemmifera	Brussel sprouts
Brassica oleracea var. capitata	Chinese cabbage
Brassica oleracea var.acephala 'dinosaur kale'	Dinosaur kale
Solanum melongena 'mini lebanese'	Mini Lebanese eggplant
Vaccinium corymbosum	Blueberry 'sunshine blue'
Thymus vulgaris	Thyme
Fragaria x ananassa 'sugarbaby'	Strawberry 'sugarbaby'
Allium sativum - garlic purple	Purple garlic



Hibiscus sabdariffa



Davidsonia jerseyana



Mentha australis



Thymus vulgaris



Solanum lycopersicum 'totem'



Citrus reticulata 'imperial'



Sambucus australis



Beta vulgaris ssp. vulgaris 'rainbow'



Kunzea pomifera



Antidesma erostre



Rubus parvifolius



Citrus australasica



**Planning Secretary's Environmental Assessment**

Items to Address	Design Reponse
<b>4. Tree Removal and Landscaping</b>	
Provide a detailed site-wide landscape strategy that:	
Details the proposed site planting, including location, number and species of planting, heights of trees at maturity and proposed canopy cover	The planting type locations, species and heights at maturity have been included in the Indicative Plant Schedule. The canopy cover target for the proposed site is 40%.
Considers equity and amenity of outdoor play spaces, and integration with built form, security, shade, topography and existing vegetation	<ol style="list-style-type: none"> <li>1. The design has responded to EFSG requirements for open play space (10m2 per student) whilst accommodating a variety of open space typologies</li> <li>2. The landscape responded to the built form through the allowance of obstacle free pedestrian movement along the building front, spill out areas and clear access corridors from building entrance points towards open space and function outdoor areas</li> <li>3. Security has been integrated into the design through perimeter fencing which allows for seperate School and Community access points to accommodate out of hours use of the hall</li> <li>4. The proposed design has achieved 40% canopy cover to meet SDRP requirements and provide shade in open space areas.</li> <li>5. The vegetation on site is scarce and pre-existing trees have been removed leaving an open grass area</li> </ol>
Demonstrate how the proposed development will:	
Contribute to long term landscape setting in respect of the site and the streetscape	The design has focused on capturing a natural landscape setting which reflects the Cumberland Plain Woodland character of the site. Endemic vegetation along perimeter edges will create a visual and ecological corridor connection to Clermont Park and the Reserve. Through the introduction of Cumberland Plain Woodland into the landscape the design responds symbolically to the living and cultural heritage of the site and connection to country. The main access gateway into the site along Buchan Avenue provides a clear visual connection to the street front and Clermont Park. Perimeter planting creates a buffer zone and streetscape setting for the school
Mitigate the urban heat island effect and ensure appropriate comfort levels on-site.	The planting strategy is based on creating a green and coherent network of spaces which provide shelter from the sun, reduction in heat temperatures and a comfortable microclimate environment for students. Diversity and distinctive planting typologies contribute to the relationship to functional areas. Trees, Shrubs and groundcover create the three layers of plantng; Trees provide shade, shrubs and groundcover mitigate surface heat and create a cooling effect in the landcape. Air pollution reduction and water management are additional desired outcomes.
Contribute to objectives to increase urban tree canopy cover; A detailed landscape plan prepared by a suitably qualified person	The design has achieved the required 40% canopy coverage to meet Greener Places canopy cover requirements. A tree canopy cover strategy plan has been provided as part of the SSDA Landscape drawings