

New Primary School in Greater Flagstone

Concept Master Plan

Landscape Concept Master Plan

March 2026

Meaningful- Grounded- Playful

shepherd
Urban Landscape Architecture

Project Details & Contents

Project Details

Project Name:
New Primary School in Greater Flagstone
Concept Master Plan

Client Name:
QLD DoE

Architect Name:
GroupGSA

Project Address:
Greater Flagstone

Project No.
2525

Revision:
A- 2025-11-28- 20% Draft for Review
B- 2026-02-05- 90% Draft for Review
C- 2026-03-16- For Approval
D- 2026-03-24- For Approval

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Design Summary

“This Landscape Concept Master Plan has been prepared on behalf of the State of Queensland, represented by the Department of Education (Applicant), in support of a Priority Development Area (PDA) development application over part of land at New Beith Road, Silverbark Ridge QLD 4124 and described as part of Lot 911 on SP356636 (site). This PDA development application seeks approval from the MEDQ for a development permit for a material change of use for educational establishment, child care centre, community facility and health care services.

The Applicant proposes a State primary school for Prep to Year 6, delivered in stages:

- Stage 1 opening in 2029 with capacity for approx. 712 enrolments.
- Stage 2 opening in 2031 with a cumulative enrolment capacity for approx. 1,092.
- Further undefined stage to provide a cumulative enrolment capacity of approx. 1,185.

The Applicant also proposes a child care centre (kindergarten) and community facility/health care services (hub) to be delivered at Stage 1 of the State primary school. The:

- child care centre is intended to be a two-unit kindergarten providing for up to 44 children per day, and up to 88 children across the week, and 15 hours care per week per child.
- community facility/health care services is intended to provide a range of services, supporting children and their families with early years programs and support, onsite health and wellbeing services, and family programs and activities.

The site is being created as part of a broader subdivision project delivered by Peet Flagstone City Pty Ltd under PDA development approvals DEV2024/1491 and DEV2023/1414. Works undertaken under these PDA development approvals provide the foundational infrastructure required to make the site ‘fit for purpose’ (including vegetation clearing, roadworks, sewerage, water supply, earthworks, telecommunications and electrical infrastructure)”.

Design Summary



Vision

The Landscape vision is to create an inclusive creative landscape setting which fosters the students educational and social interaction. Supporting their physical development while promoting sustainability of the environment.



Objectives

The landscape design objectives comprise:

- The creation of a conducive environment that supports the intellectual, physical, artistic and social development of the students, thus improving the learning outcomes.
- To provide a landscape setting which creates a ‘sense of place’, enhances the natural environment and instills a lifelong regard for nature.



Intent

The design intent is to contribute positively to the image and overall quality of the proposed general learning facility by providing a contemporary, safe, inclusive, sensitive and appropriate landscape environment.



Principles

The key landscape design principles applied to the landscape concept comprise:

- Inclusiveness:
A place for all, access for all.
- Context and Character:
Safety and security, outdoor learning, landscape settings.
- Natural Environment:
Micro climate, Biodiversity, Water resources.
- Flexibility and Change:
Multi use, Space requirements, Active and Quite/ Study Zones, Natural Zones.

Key Design Moves



Entry Nodes

Key entry points will be area where parents will interact with the school. These areas will be designed to highlight the significance in the design heiracy. The use of higher quality materials and design language will be employed. The use of wide pathways, shaded waiting areas, feature amentiy planting and gates to control entry/exit into the school campus.



Connection Axis

Key movement lines to circulate throughout the school campus. The use of widened and shaded pathways to provide direct access to key school facilities.



Primary Courtyard

External spaces designed for passive and active recreation. They will feature elements such as:

- Central lawn areas to provide for active recreation so students can play informal games without having to head down to the oval.
- Shaded seating alcoves and tables for lunch / socialising / outdoor learning. Some of these areas could be shaded by smaller shade structures and others by trees
- Artificial grass areas to soften up areas (where use of real turf would be unsuccessful, like on seating terraces or high use zones) and provide for informal seating and play.
- Soft landscaping such as trees and planting beds around the perimeter of seating areas etc. to define different ‘zones’ within the courtyard.



Secondary Courtyard

These areas will be designed to be utilised by the students for outdoor learning, outdoor play and socialising. Elements that will provided in these areas include:

- Coloured concrete / hardstand for ball games (eg. handball)
- Seating alcoves / tiered seating for outdoor learning opportunities, lunching and socialising
- Gardens and trees will be provided within the courtyards to soften the area and make for a more enjoyable, natural and relaxing outdoor environment
- Open lawn areas shaded by trees
- Smaller secluded seating alcoves and tables shaded by trees or small shade structures. Bordered by planting beds to provide the seclusion and define each area

Key Design Moves



Sports Field / Court

The sports field shall be turfed with a suitable ‘sports’ turf and irrigated (using mains supply) to ensure the field is useable all year round. Limited extent of shaded formal seating areas will be provided for spectators. Shade trees shall be planted around the perimeter of the sports field to provide definition to the field area as well as shade for spectators.



Buffer/WSUD/Batter Planting

Along site boundaries that abut residential properties and street frontages buffer planting should be provided to screen and soften the campus. Buffer planting will consist of evergreen trees with a diverse range of shapes and sizes planted close together to form a dense screen. Trees will be underplanted with mix of low shrubs, clumping plants and groundcovers. Planting along the street frontage will be ‘opened up’ to allow for passive surveillance and feature trees will be planted at vehicular and pedestrian entry points into the site to highlight these points of importance. The buffer planting will need to be developed in accordance with the Bush Fire requirements and recommendation.



Car Park Planting

Shade tree planting will be provided in accordance with Logan City Council Landscape Shade Tree Calculation Guidelines. Providing (Shade tree count per car park = Car park area x 25% Shade provided per tree. This calculation averages out at one ‘medium size’ shade tree per 2.5 car parking spaces) where possible to shade and soften the car parking areas. Low level planting to retain open sight lines will also be provided to the perimeter and within islands to help screen and soften the car parking areas.



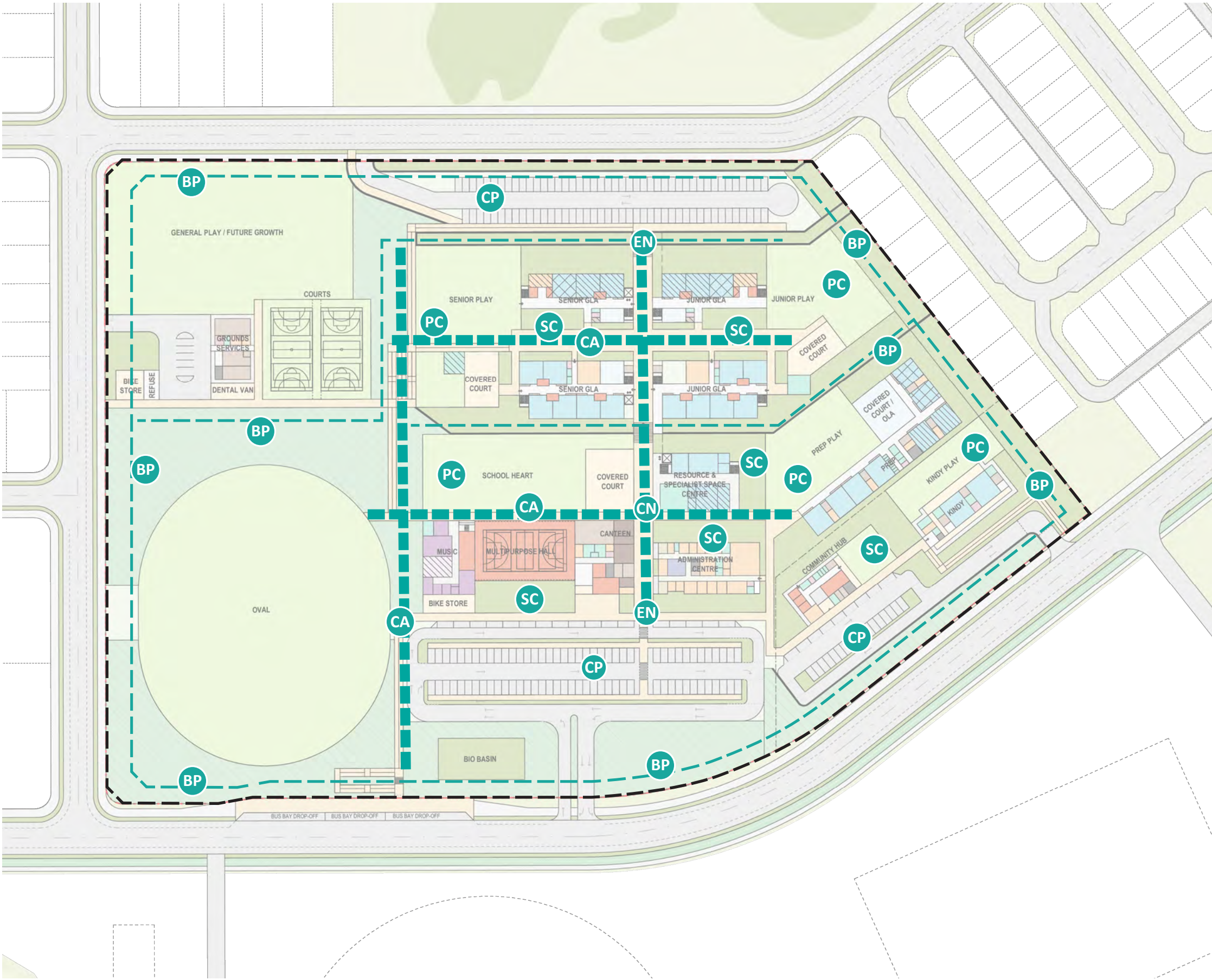
Cultural Node

Smaller zones highlighting pathway intersections / building entry points. These areas will aid in wayfinding and provide opportunities to express local indigionus culture and hertiage. Hardstand nodes surrounded with seating alcoves as well as planting beds to soften the hardstand and provide visual connections to the landscape. Planting at these nodal points will be of local regional significance to highlight the character of the local native flora.

Landscape Opportunities

Legend

- EN Entry Node
- CA Connection Axis
- PC Primary Courtyard
- SC Secondary Courtyard
- BP Buffer Planting
- CP Car Park Planting
- CN Cultural Node



Landscape Master Plan

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Planting Palette - Trees



Lemon Scented Myrtle
Backhousia citriodora

Tree
8 x 4m



Coastal Banksia
Banksia integrifolia

Tree
8 x 3m



Flame Tree
Brachychiton acerifolius

Tree
8 x 5m



Ivory Curl Flower
Buckinghamia celsissima

Tree
8 x 5m



Tuckeroo
Cupaniopsis anacardiodes

Tree
8 x 4m



Blueberry Ash
Elaeocarpus reticulatis

Tree
8 x 3m



Silky Oak
Grevillea robusta

Tree
8 x 5m



Tulipwood
Harpullia pendula

Tree
8 x 5m



Brush Box
Lophostemon confertus

Tree
8 x 4m



Broad Leaved Paperbark
Melaleuca quinquenervia

Tree
8 x 3m



Water Gum
Tristania laurina

Tree
8 x 5m



Weeping Lilly Pilly
Waterhousea floribunda

Tree
8 x 5m

Planting Palette - Shrubs & Accent



Birds Nest Fern
Asplenium australasicum
Shrub
1 x 1m



Heath Myrtle
Baeckea Sp.
Shrub
1 x 1m



Bottlebrush
Callistemon viminalis 'Little John'
Shrub
1 x 1m



Cabbage Tree
Cordyline Sp.
Shrub
1 x 1m



Blue Flax Lily
Dianella longifolia
Shrub
1 x 1m



Gynea/Spear Lily
Doryanthes Sp.
Shrub
1 x 1m



Tea Tree
Leptospermum polygalifolium
Shrub
1 x 1m



Narrow Leaved Paperbark
Melaleuca linariifolia 'Claret Tops'
Shrub
1 x 1m



Metrosideros
Metrosideros collina 'Little Ewan'
Shrub
1 x 1m



Creeping Boobialla
Myoporum Sp.
Shrub
1 x 1m



Lilly Pilly
Syzygium Sp.
Shrub
1 x 1m



Native Rosemary
Westringia Sp.
Shrub
1 x 1m

