

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2026/RIP/5146

Date: 02 October 2026



Queensland
Government

NEW SECONDARY SCHOOL IN RIPLEY VALLEY - LANDSCAPE MASTER PLAN



DESIGN INTENT

Ripley is a fast growing master planned area within the Ipswich City Council Region. It is located in the traditional Yugarabul Indigenous county which was settled as a farming community in the 1800s and remained fairly rural until the early 2000s. A new secondary school is proposed for this site to cater for the fast growing local population. The intent of the landscape design is to create functional and flexible spaces around the campus suitable for outdoor learning, play and socialisation which also pays respect to both the land and the people of the region.

INDIGENOUS TIES TO THE LAND

The Yuggera, Jagera and Ugarapul Peoples, are the traditional owners of this land to whom we want to ensure we pay respect to with the development of this school. We therefore want to make meaningful connections within the landscape design with elements of their culture. There are a number of significant sites within the surrounding areas that are sacred to the indigenous communities and also showcase the local natural character of the regions, including Nugum / Boogun (White Rock Spring Mountain) and a Former Bora Ring (Between Mount Blaine and Flinders Peak)

In order to develop a landscape design that shows respect to the local people and the environment it is recommended that some consultation with the local indigenous groups takes place. From this consultation we can ensure we integrate some indigenous design in a respectful way.

- Some ways we can incorporate indigenous elements into the campus landscape design include:
- Using the totems (usually animal and plant species) of the local people to inform elements within the design of the hardscape such as themes and colours. Totems from online research include - Yuggera people - Sand Goanna and Echidna; Jagera people - Brown Snake; Ugarapul People - Green Frog.
 - Construction of a yarning circle
 - Include Indigenous art in pavements, feature walls, outdoor furniture, totem poles, etc.
 - Ochre colours of the soils around the area to be used within the design colour palette
 - Endemic plants to make up the majority of the plant palette including bush tucker plants and those used for crafting tools and ceremonial objects.



There will be a number of character / use zones within the external areas around the campus. These are listed and described below.

PEDESTRIAN ENTRY PLAZA AREAS

These are areas where public and parents will have interaction with the school (eg. Administration entry, sports hall entry and performing arts entry). They shall be designed with feature hardscape paving and seating areas for waiting. These areas will be shaded and softened by shade structures and feature tree planting within planting beds to soften the area, and tree grates where required to keep pedestrian flow more open.



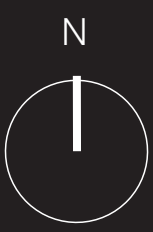
‘CENTRAL’ COURTYARD / PLAZA

- 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
 - Hardstand areas for pedestrian circulation
 - 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.



NEW SECONDARY SCHOOL IN RIPLEY VALLEY - Landscape Master Plan

CLIENT DoE
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SECONDARY (SMALLER) COURTYARDS

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

- Coloured concrete / hardstand for ball games (eg. handball)
- Table tennis tables
- Seating alcoves / tiered seating for outdoor learning opportunities, lunching and socialising
- Some of these seating areas could be shaded by smaller shade structures and others with trees.
- Gardens and trees will be provided within the courtyards to soften the area and make for a more enjoyable, natural and relaxing outdoor environment.

Some of these spaces will be designed as more of a 'relaxation' area rather than an 'active' play area which the central courtyard provides and feature elements such as:

- 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



NODAL POINTS

Smaller zones highlighted by coloured concrete at pathway intersections / building entry points. These areas will accentuate major access area to aid in way finding. The hardstand will be surrounded with seating alcoves as well as planting beds to soften the hardstand and provide visual connections to the landscape with the built form. Planting at these nodal points will be of regional significance to emphasise the character of the regions native flora.

SPORTS FIELD

The sports field shall be turfed with a suitable 'sports' turf and irrigated to ensure the field is fairly 'lush' all year round. Shade trees shall be planted around the perimeter of the sports field (far enough outside of the field extents to ensure the oval itself is not shaded and to avoid root intrusion) to provide shade for spectators. Some formal seating areas (potentially terraced seating from the central courtyard area) will be provided between the buildings and the oval.



BUFFER PLANTING

Along site boundaries that abut residential properties, the future train corridor and street frontages buffer planting should be provided to screen and soften the campus. Buffer planting will consist of a combination of columnar shaped trees and small evergreen shade trees planted close together so they eventually form a dense screen. Trees will be underplanted with mix of low shrubs, clumping plants and groundcovers. Planting along the street frontage will be a little less dense than the side boundaries to allow for passive surveillance and feature trees will be planted at vehicular and pedestrian entry points into the site to accentuate these entrances.



CARPARK LANDSCAPING

Shade tree planting provided at approximately 1 shade tree per 6 carparks where possible to shade and soften the car parking areas. Low shrub planting (to keep sight lines open) will also be provided to the perimeter and within islands to help screen and soften the car parking areas when viewed from the pedestrian access ways, courtyards and buildings.

EDUCATION GARDEN

Located near the Food Studies & Resource Centre this garden will provide an external space for learning about plants and food production. The garden will have a formal setup with general herb/vegetable gardens and fruit trees and another section dedicated to indigenous plants used for food, medicine and materials. Elements such as raised garden beds, decomposed granite pathways, composite timber seating/potting platforms and trellises will be provided within this outdoor learning space.

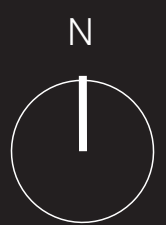
IRRIGATION

Irrigation will be provided to the sports field at a minimum and the water source shall be mains supply. Irrigation to garden beds should not be required but if its needed once the design progresses then the water source for the gardens will be from rainwater tanks or another form of non-potable water supply approved by DoE. Hardscape areas should be graded towards planting beds and lawn where possible so runoff can soak into these areas minimising the need for waterings.

NEW SECONDARY SCHOOL IN RIPLEY VALLEY - Landscape Master Plan

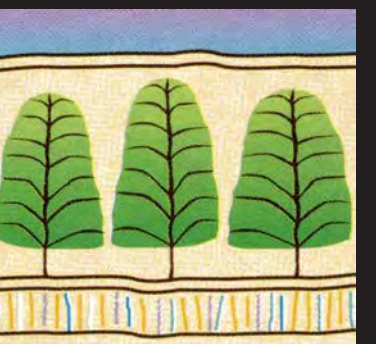
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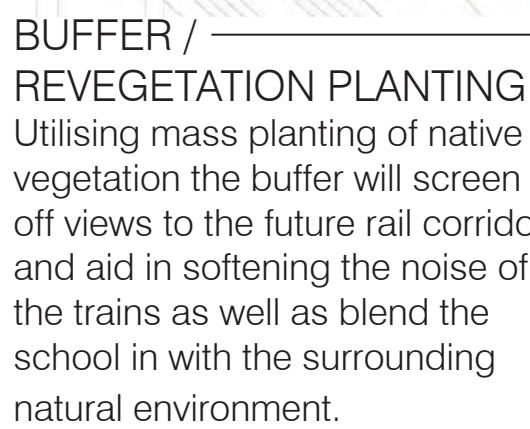


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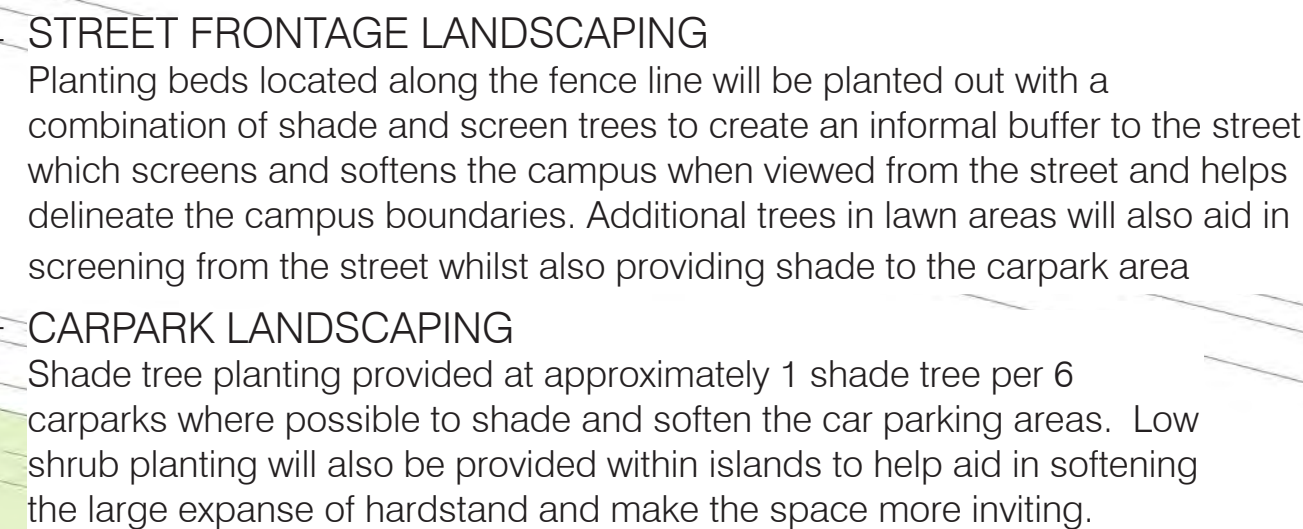


SCALE 1:1500 @ A1; 1:3000 @ A3



BIORETENTION BASIN —
to be planted out with suitable sedge species as per QLD Healthy Waterways Guidelines. The banks steeper than 1:4 around the edges of the filter media will be planted with suitable native trees, shrubs and sedge species to screen the basin from the street and neighbours. Refer Civil drawings for further bioretention basin details.

SCALE 1:750 @ A1; 1:1500 @ A3



BIORETENTION BASIN

to be planted out with suitable sedge species as per QLD Healthy Waterways Guidelines. The banks steeper than 1:4 around the edges of the filter media will be planted with suitable native trees, shrubs and sedge species to screen the basin from the street and neighbours. Refer Civil drawings for further bioretention basin details.

—LAWN AREA

CARPARK LANDSCAPING
Shade tree planting provided at approximately 1 shade tree per 6 carparks where possible to shade and soften the carparking areas. Low shrub planting will also be provided within islands to help aid in softening the large expanse of hardstand and make the space more inviting.

— FEATURE TREE PLANTING

STREET FRONTAGE LANDSCAPING

Planting beds located along the site boundary will be planted out with a combination of shade and screen trees to create an informal buffer to the street which screens and softens the campus when viewed from the street and helps delineate the campus boundaries

	FEATURE FLOWERING TREE		FRUIT TREE		REVEGETATION PLANTING		COMPOSITE TIMBER DECKING		SANDSTONE BLOCK SEATING / WALL
	ACCENT TREE		BIORETENTION / REVEGETATION TREE		LAWN AREA		TIERED CONCRETE SEATING PLATFORM		DECOMPOSED GRANITE
	LARGE SPREADING CANOPY TREE		BIORETENTION PLANTING		IRRIGATED SPORTS SPECIFIC LAWN AREA		CONCRETE SEATING PLATFORM		COLOURED CONCRETE
	SHADE TREE		UNDERSTOREY PLANTING		ARTIFICIAL GRASS		FORMED CONCRETE LOW WALL / SEATING		PLAIN GREY CONCRETE
	UPRIGHT SCREEN TREE		INDIGENOUS / BUSH TUCKER GARDEN		RAISED VEGETABLE GARDENS		METAL BENCH SEATING		CARPARK / ROAD SURFACE Refer Civil Drawings

CLIENT DoE
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STREET FRONTAGE / CARPARK LANDSCAPING
Planting beds located along the site boundary will be planted out with a combination of shade and screen trees to create an informal buffer to the street which screens and softens the campus when viewed from the street. Shade trees will be provided at a rate of approximately 1 shade tree per 6 carparks to shade and soften the car parking areas. Ensure low shrubs & groundcovers are used where site lines need to be retained throughout the carpark for pedestrian safety.

STAFF COURTYARD
Bench seating & cafe style tables and stools provided in a secluded courtyard space for staff to utilise for lunch and outdoor meetings

VEHICLE ENTRY / EXIT
Refer Civil Drawings

OP SERVICES

TREE SHADED SEATING
ALCOVES Allowing for group
gathering & outdoor learning

FORMED CONCRETE SEATING
WALLS forming raised planting beds
with tree planting to provide shade to
the seating

SENIOR ITD &
INDUSTRIAL DESIGN

SCREEN PLANTING to
soften and screen the
retaining wall

RETAINING WALL
Refer Civil Drawings

STAFF B & C

HANDBALL LINE
MARKING

AMENITIES

CENTRAL COVERED AREA
Refer Architects Drawings

PLANTING BEDS

SHADE STRUCTURE providing
shade to table settings and
artificial grass seating areas.

OUTDOOR TABLE
TENNIS TABLES

STAFF D &
GLA 3

SEATING ALCOVE

GLA 2 & SCIENCE

SHADE TREE PLANTING
TO CARPARK

LAWN AREA

PLANTING BEDS

SEATING ALCOVES

COLOURED CONCRETE

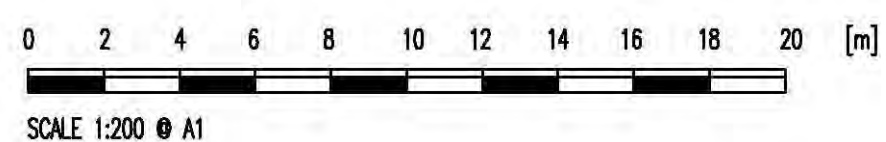
SHADE STRUCTURE providing
shade to table settings, concrete
seating platforms and artificial
grass seating areas.

OPEN LAWN AREA for active
recreation opportunities

FORMED CONCRETE TIERED
SEATING PLATFORM shaded by
trees. Provides outdoor learning
and general student gathering
opportunities

MOUNDED LAWN AREA shaded
by large spreading canopy tree
planting to provide informal
seating opportunities

SEATING ALCOVE



NEW SECONDARY SCHOOL IN RIPLEY VALLEY - Landscape Master Plan

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BIORETENTION BASIN
to be planted out with suitable sedge species as per QLD Healthy Waterways Guidelines. The banks steeper than 1:4 around the edges of the filter media will be planted with suitable native trees, shrubs and sedge species to screen the basin from the street and neighbours. Refer Civil drawings for further bioretention basin details.

NEW SECONDARY SCHOOL IN RIPLEY VALLEY - Landscape Master Plan

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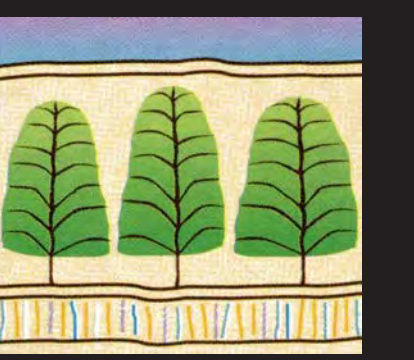


NEW SECONDARY SCHOOL IN RIPLEY VALLEY - Landscape Master Plan

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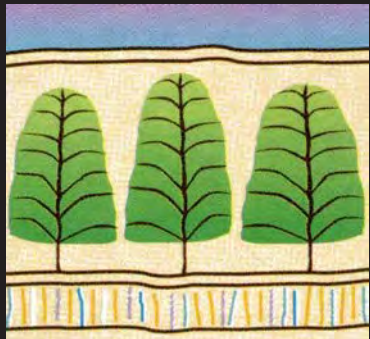
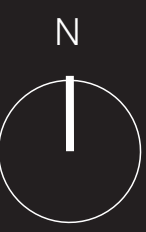


LEGEND

STAGE 2 WORKS

STAGE 3 WORKS

IN STAGE 1 AREAS NOTED FOR STAGE 2 AND 3 WORKS ARE TO BE TURFED OR GRASS SEEDDED. STAGE 1 AREAS ARE THOSE WITHOUT BLUE OR ORANGE HATCHING OVER THEM



INDICATIVE PLANT PALETTE - TREES

TREES



Acmena smithii (N,I)



Araucaria cunninghamii (N,I)



Allocasuarina littoralis (N,I)



Backhousia citriodora (N,I)



Banksia integrifolia (N,I)



Brachychiton acerifolius (N,I)



Brachychiton rupestris (N,I)



Cupaniopsis anacardiodes (N)



Elaeocarpus reticulatis (N)



Eucalyptus Summer Red (N)



Harpullia pendula (N,I)



Lophostemon confertus (N,I)



Melaleuca quinquenervia (N,I)



Melaleuca viridiflora (N)



Randia fitzlanii (N)



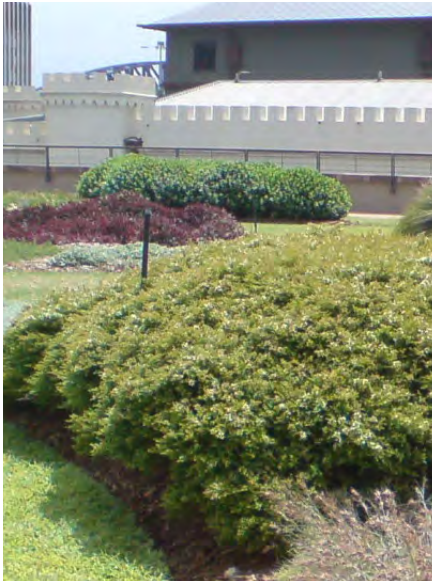
Tristaniopsis laurina (N)



Waterhousia floribunda (N)

INDICATIVE PLANT PALETTE - UNDERSTORY PLANTING

SHRUBS



Babingtonia Howies Sweet Midget (N)



Banksia spinulosa (N,I)



Callistemon Little John (N)



Callistemon White Anzac (N,I)



Ficus Green Island (E)



Ixora Gold Fire (E)



Leptospermum polygalifolium (N,I)



Melaleuca Claret Tops (N)



Metrosideros Little Ewan (E)



Syzygium australe (N,I)



Syzygium Resilience (N,I)



Westringia Species. (N)

ACCENT



Asplenium australasicum (N,I)



Cordyline petiolaris (N,I)



Doryanthes excoelsa (N,I)



Rhapis excelsa (E)



Xanthorrhoea latifolia (N,I)

PLANT LEGEND

N = Native
I = Indigenous Uses
E = Exotic

NOTE - No poisonous / toxic plant species are to be used on site.



CLUMPING



Alpinia caerulea (N,I)



Alpinia nutans (E)



Aspidistra elator (E)



Carex appressa (N)



Cordyline rubra (N)



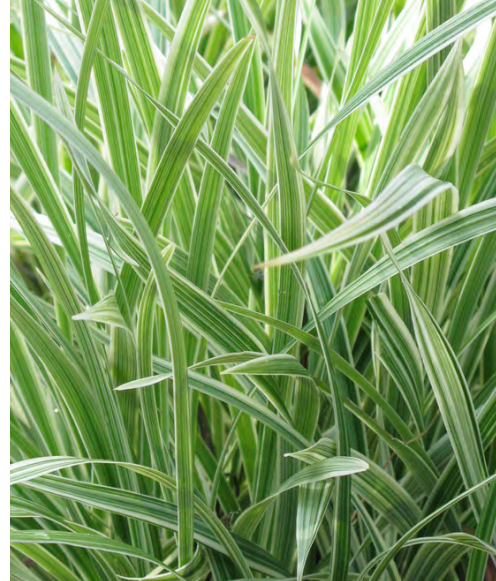
Crinum pedunculatum (N)



Juncus usitatus (N)



Liriope Evergreen Giant (E)



Liriope Stripey White (E)



Lomandra hystrix (N,I)



Lomandra Shara (N)



Molineria capitulata (N)

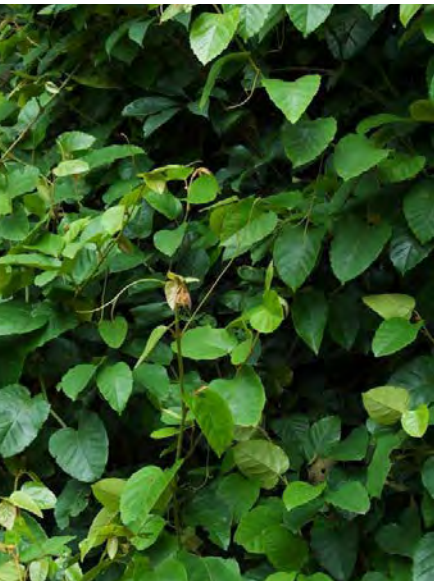


Poa labillardieri (N,I)



Themeda triandra (N,I)

GROUND COVER



Cissus antartica (N,I)



Goodenia ovata (N)



Hibbertia scandens (N)



Myoporum ellipticum (N)

VINES



Pandorea jasminoides (N)

PLANT LEGEND

N = Native
I = Indigenous Uses
E = Exotic

NOTE - No poisonous / toxic plant species are to be used on site.

