

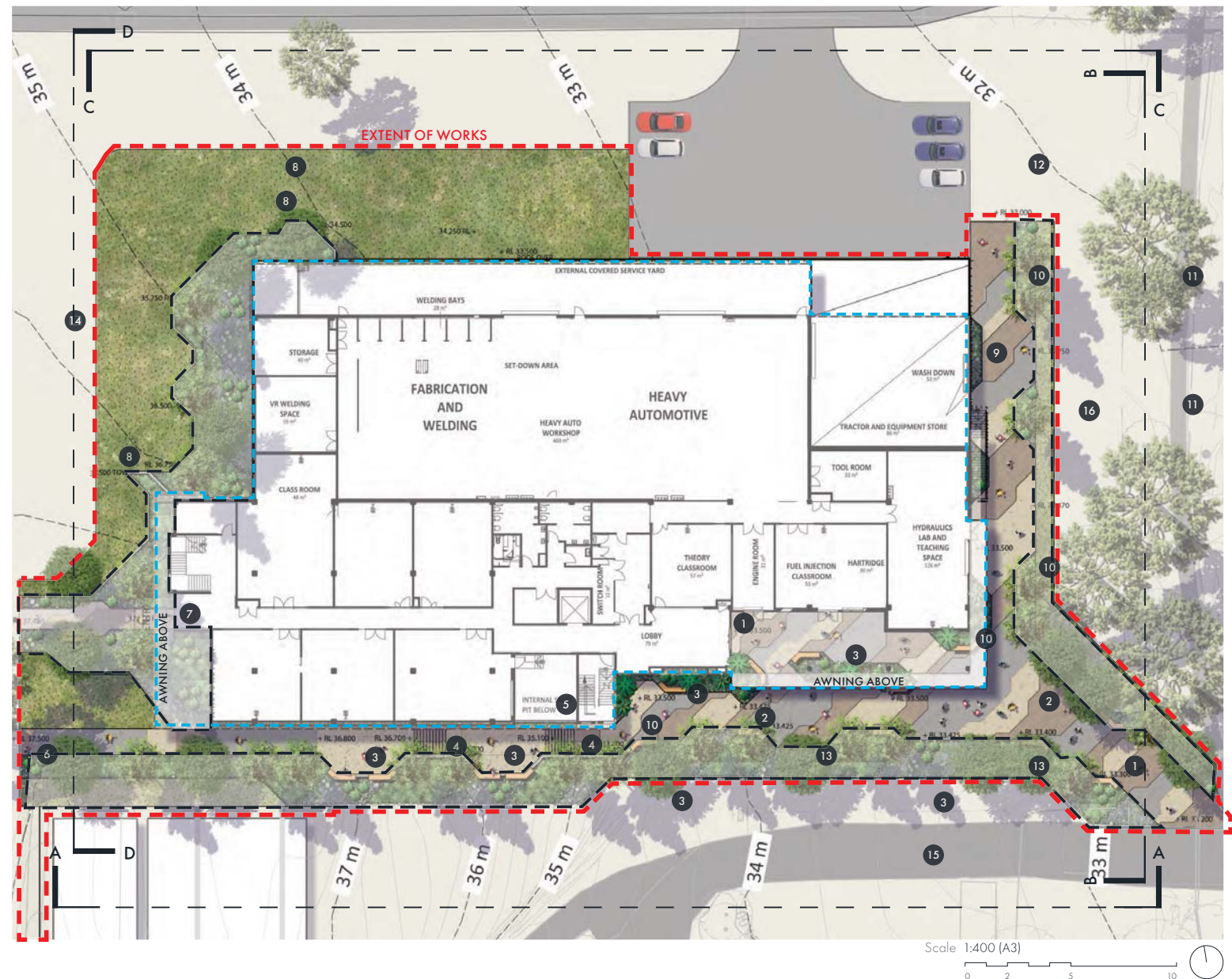
LANDSCAPE MASTER PLAN

The Rockhampton Landscape adopts the conceptual thinking and applies the circuitry trace within the hard-stand surround and treatments. This feature pavement responds to the gateways and entries of the proposed building, providing additional legibility and way-finding. Alternate banding of coloured exposed pavement, further applies a rhythmic approach to the pavement treatment.

The general landscape treatment provides a definitive campus sense of place, creating a variety of landscape environments based on occupancy, solar orientation and allocated seating.

Legend

- Indicative Extent of Works Boundary (TBC)
- Area to be costed separately
- 1 Main Building Entry Boulevard & Plaza
- 2 Decorative joint patterning and colour banding reveals inspired circuitry connections
- 3 External landscape courtyard and study 'break-out'. Landscape reflect iconic subtropical Queensland species
- 4 Grand Stairs and east/west link to Car Park
- 5 Internal Sand Pit, able to be viewed from external access and seating platform
- 6 Connection to existing informal Car Park
- 7 Secondary Building Entry
- 8 Articulated retaining walls stepping down to manage the external ground surface around building
- 9 Landscape climbers species to external trellis system to provide green facade treatment
- 10 Seating breakouts and pavement links to main pedestrian spine
- 11 Exiting Main/Campus Pedestrian Spine - not part of these works
- 12 Proposed Student/Staff Car Park
- 13 Shaded landscape interface to external plaza
- 14 Realigned natural swale system to connection to broader catchment and drainage system
- 15 Existing Internal Road (not bitumen)
- 16



HARDSCAPE AND FURNITURE SCHEDULE

Item	Description	Material/Colour	Supplier	Quantity
Surface Treatments				
1 Pavement Type 1	Feature Pavement	125 mm Coloured Concrete CCS Kalahari, 5-10 mm Aggregate Blue Gold, 2mm Light Water Wash	Concrete Colour Systems, Hanson Aggregates	285m ² (including stairs)
2 Pavement Type 2	Secondary Pavement	125 mm Coloured Concrete CCS Paperbark, 5-10 mm Aggregate Blue Gold, 2mm Light Water Wash	Concrete Colour Systems, Hanson Aggregates	265m ²
3 Pavement Type 3	Standard Pavement	125 mm Plain Grey Concrete 5 mm Aggregate Blue Healer, 1mm Light Water Wash	Concrete Colour Systems, Hanson Aggregates	275m ²
4 Tactile Indicators	300x300x40mm Hazard and Directional Indicators paver	Charcoal	Boral	5.05m ²
5 Drainage Edge Rock	60-200mm Calliope Riverstone to drainage edge of concrete hardstand	Calliope Riverstone	Rockhampton Landscape Supplies	35m ²
6 Sub-tropical Courtyard Mulch	100mm depth Hoop Pine Mulch	Natural	Rockhampton Landscape Supplies	65m ²
7 Landscape Mulch	100mm depth Forest Mulch	Natural	Rockhampton Landscape Supplies	765m ²
Furniture				
8 Cast Insitu Retaining Wall	Class 2, Concrete plinth, max 900mm high, anti skate concrete recesses at 500mm centres	Smooth finish, rounded edges, clear anti-graffiti coating	Custom D & C, Precast repeated unit	42 l/m
9 Custom Precast Seating	Class 2, Precast concrete plinth, 3000 x 500 x 500mm, anti skate concrete recesses at 500mm centres, strip lighting to length of backrest (calculated with)	Smooth finish, rounded edges, clear anti-graffiti coating	Custom D & C, Precast repeated unit	18 no.
10 Seat with back and arms	Suite 'Rockhampton Riverside'	Metal, Powdercoat Orange (TBC)	Street & Garden, fixed to precast concrete seat	18 no.
11 Bin Enclosure x2 (General Waste + Recycling)	S+G Suite 'Rockhampton Riverside', General Waste + Recycling	Metal, Powdercoat Orange (TBC)	Street & Garden	2 sets (2x General, 2x Recycling)
12 Bollard	Suite 'Rockhampton Riverside' - Removable & Fixed	Metal, Powdercoat Orange (TBC)	Street & Garden	4 no. removable 10 no. fixed
13 Drinking Fountain	Cruiser Drinking Fountain	Metal, Powdercoat Orange (TBC)	Street & Garden	1 no.
14 Screen Fence	1800mm Screen Fencing to Services	Black Powdercoat, right angle fence with feature orange powdercoat feature randomly spread	Custom	50.4 l/m
15 Handrail	Wall & Surface Mounted Handrail	316 Stainless Steel	Custom Fabrication	14.4 l/m
16 Stair nosing	Classic Series 1, Clear Anodised Stair Nosing with P5 poly or tape insert. CS1-75X0	Black	Tactile Systems Australia	45 l/m
17 Strip Lighting	Halo Low Intensity Strip light reel	Warm White LED	LED outdoor or equivalent	72 l/m
18 Concrete Edge	150 x150 Concrete Edge	Portland Grey CCS Concrete		220 l/m

General Notes

Furniture

The contractor is to confirm / get approval on all furniture selections with GPC/CQU.

Existing Tree Protection

All existing trees are to be retained where not directly impacted by building or carpark works. The Contractor shall be responsible for installing adequate and approved barricading or fencing around existing trees to be retained in accordance with the requirements of AS 4970 'Protection of trees on development sites'.

Cultivation

Garden areas 150mm; Turf and grassed areas 150mm.

Subsoil Drainage

Subsoil drainage is to be provided to all garden beds and connected to the sites stormwater network. Subsoil drainage to be located 300mm below surface level.

Organic Topsoil

Organic topsoil to be used in gardens and turf areas. Topsoil shall be imported and complying with the requirements of AS 4419-1998 'Garden Soils for landscaping and garden use'. Depths of topsoil to include:

- To planting areas - 300mm deep
- To Turfed areas - 100mm deep

Fertilisers

Place slow release pill type fertilizer such as 'Agriform' planting tablets (20:4.3:4.1) or equal approved around the root ball of all plants at the time of planting to manufacturers recommendations

Establishment and Maintenance

A 6 month establishment period is to be provided post practical completion to establish planting material. Following on from the 6 month establishment period an 18 month maintenance period shall commence which will maintain all soft and hardscape items.

SOFTSCAPE ARRANGEMENT



1 Vertical Form Tree Species

Agathis Robusta
Kauri

Araucaria cunninghamii
Hoop Pine

Elaeocarpus eumundii
Smilow Leaved Quandong

2 Large Shade Tree Species

Ficus microcarpa var. hillii
Hills Weeping Fig

Lophostemon confertus
Brush Box

3 Avenue Tree Species

Waterhousea floribunda
Weeping Lilly-Pilly

Tristaniaopsis laurina
Water Gum

Buckinghamia celsissima
Ivory Curl

4 Feature Planting

Cyathea australis
Queensland Fern Tree

Plumeria obtusa
Singapore White Frangipani

5 Subtropical Mass Planting

Cordyline fruticosa rubra
Palm Lily

Philodendron bipinnatifidum
Lacy Tree Philodendron

Carpobrotus glaucescens
Pig Face

6 General Mass Planting

Westringia fruticosa
Coastal Rosemary

Callistemon viminalis
Little John

Myoporum parvifolium
Creeping baobialla

SOFTSCAPE SCHEDULE

Botanic Name	Common Name	Height	Spread	Density	Quantity
1 Vertical Form Tree Species					20 no.
Agathis Robusta	Kauri Pine	20m	3m	As shown	
Araucaria cunninghamii	Hoop Pine	30m	10m	As shown	
Elaeocarpus eumundii	Smooth Leaved Quandong	10m	3m	As shown	
2 Large Shade Tree Species					6 no.
Ficus microcarpa var. hillii	Hills Weeping Fig	20m	10m	As shown	
Lophostemon confertus	Brush Box	15m	10m	As shown	
3 Avenue Tree Species					17 no.
Cupaniopsis anacardoides	Tuckeroo	8m	3m	As shown	
Buckinghamia celsissima	Ivory Curl	8m	5m	As shown	
Tristaniopsis laurina	Water Gum	8m	3m	As shown	
Waterhousia Floribunda	Sweeper	10m	5m	As shown	
4 Feature Planting					6 no.
Cyathea australis	Tree Fern	3m	1.5m	As shown	
Magnolia grandiflora 'Little Gem'	Little Gem	5m	2m	As shown	
Plumeria obtusa	Singapore White Frangipani	8m	4m	As shown	
5 Subtropical Mass Planting					65 m²
Philodendron "Rojo Congo"	Rojo Congo	1m	1m		
Cordyline fruticosa rubra	Palm Lily	2m	0.7m		
Philodendron bipinnatifidum	Lacy Tree Philodendron	3m	1.5m	Generally allow 2 plants per /m²	
Strelitzia reginea	Bird of Paradise	1m	1m		
Myoporum parvifolium	Creeping boobialla	0.2m	1m		
Viburnum odoratissimum	Emerald Lustre	3m	3m		
Carpobrotus glaucescens	Pig Face	0.2m	1m		

Botanic Name	Common Name	Height	Spread	Density	Quantity
6 General Mass Planting					765 m²
Alpinia zerumbet 'variegata'	Shell Ginger	1.5m	1m		
Callistemon viminalis 'Little John'	Little John	0.75m	1m		
Callistemon viminalis 'Slim'	Slim	3m	1m		
Crinum pedunculatum	Swamp Lily	1m	1m		
Philodendron Xanadu	Xanadu	0.75m	1m		
Strelitzia reginea	Bird of Paradise	1m	1m		
Westringia fruticosa	Coastal Rosemary	1m	1m		
Carpobrotus glaucescens	Pig Face	0.2m	1m	Generally allow 2 plants per /m²	
Cycas revoluta	Sago Palm	1.5m	2m		
Dianella caerulea	Blue Flax Lily	0.4m	0.4m		
Doryanthes palmeri	Gymea Lily	1.5m	1m		
Gazania rigens	Treasure Flower	0.3m	1m		
Lomandra confertifolia	Mat Rush	0.6m	0.6m		
Lomandra longifolia	Basket Grass	1m	1m		
Myoporum ellipticum	Coastal Boobialla	0.2m	1m		
Myoporum parvifolium	Creeping Boobialla	0.2m	1m		
Poa labillardieri	Tussock grass	1m	0.8m		
Trachelospermum jasminoides	Star Jasmine	0.5m	1m		
Turf					980 m²
Cynodon dactylon	Green Couch				