

# We acknowledge the Traditional Custodians of country of this site the Bundjalung people. We acknowledge the Traditional Custodians of country throughout Australia and their connections to land, water and community. We pay our respect to Elders past and present and extend that respect to all Aboriginal and Torres Strait Islander peoples today. 2 BYRON DESIGN GUIDE

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# 1.1 Overview

This document is intended to provide a guide for future detailed streetscape works and programming for the Byron Bay town centre. The document provides an audit of existing streetscape areas, including existing infrastructure, planting, opportunities etc. The document also provides guiding plans for streetscape treatments, and material, furniture and planting palettes for use in public domain projects.

The document follows on from the **Byron Bay Town**Centre Master Plan.

#### **NOTES**

- This document is a guide to streetscape embellishments and planting only. Potential access and movement strategies and upgrades for the town centre, including bike paths and potential traffic changes, are not included in this document.
- It is intended that key precincts such as Byron
   Foreshore and the Railway Precinct go through a
   separate design process to identify opportunities for
   stand-alone features- bespoke furniture, artworks,
   play equipment etc. This document is relevant to the
   streets and spaces 'in-between'.

# 1.2 Guiding Principles



- Improve accessibility and wayfinding
- Improve surface finishes to improve safety and amenity
- Provide comfortable environments for people through the addition of natural shade and amenity
- Improve linkages through and across the town centre
- Capitalise on existing assets including mature vegetation, public domain spaces, public open space linkages
- Capitalise on the community's willingness and desire to have social streets- places to connect with other people and the environment



 Maintain the essence of the existing atmosphere as a defining characteristic of place



- Improve surface finishes without creating a uniform treatment that runs counter to the 'free-wheeling' character of the place
- Avoid short term, low quality treatments
- Capitalise on and continue Council's recent garden maintenance and upgrade works
- Increase the number of trees and therefore provision of shade
- Provide additional natural shade in streets where urban heat is an issue

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# 2.1 Existing Vegetation

### **KEY OBSERVATIONS**

- Large areas of Jonson Street and Lawson Street have minimal planting areas and street trees resulting in low amenity and high levels of sun exposure
- Fletcher Street, Byron Street and Marvel Street benefit from more mature vegetation
- Groundcover planting palette is not evident, species are inconsistent
- A number of feature trees have been consistently used including Paperbarks, Pandanus and Norfolk Island Pines.
- Public domain areas associated with mature vegetation have higher comfort levels and a sense of the natural environment rather than the dominance of urbanity



CAR DOMINATED STREETS WITH A LACK OF NATURAL AMENITY AND



PLANTING PROVIDES STREET AMENITY (BYRON STREET)



AREAS OF AMENITY DISCONNECTED FROM PUBLIC DOMAIN AREAS



AREAS (FLETCHER STREET)





Cupaniopsis anacardioides (Tuckeroo) Vaterhousia floribunda (Weeping



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Existing trees

Existing garden bed

# 2.2 User Experience

### **KEY OBSERVATIONS**

- Tree canopies and building awnings provide shade and a human scale for streets
- Building awnings with posts and large mature trees in narrower streets both create a sense of intimacy
- Ad-hoc placement of furnitureoften in areas of low amenity
- Streets that are narrower and cluttered feel enclosed
- The southern side of streets running east to west tend to feel exposed if amenity is not provided.
- Areas that lack shade tree plantings or planting areas feel exposed
- Limited integration of landscape treatments and street amenity



AWNINGS AND TREES PROVIDING SHADE AND HUMAN SCALE TO STREETS (FLETCHER STREET)



BUILDING AWNINGS WITH POSTS CREATE A SENSE OF INTIMACY



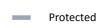
WIDE AREAS WITHOUT PLANTING OR STREET TREES RESULT IN EXPOSED ENVIRONMENTS AND INCREASED HEAT (JONSON STREET)



STREETS THAT ARE NARROWER AND CLUTTERED FEEL ENCLOSED







Exposed

W Narrow, cluttered

·:ス<sup>\*</sup> Vista



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Building awning

Enclosed, intimate

→ Wide, spacious

Existing tree

# 2.3 Access & Movement

### **KEY OBSERVATIONS**

- Vehicular movement and parking dominate the streetscape
- Poor and inconsistent pedestrian surfaces, footpath is often disrupted by crossings and driveways.
- Traffic congestion, particularly on Jonson Street and Lawson Street
- Cyclists have no obvious route through town
- Footpath widths often incompatible with use.
- Jonson Street is congested and cluttered and narrow for pedestrians
- Laneways offer potential for pedestrians and cyclists
- Physical barriers have been installed to control pedestrian movementopportunities exist to combine this with amenity planting and seating



VEHICULAR MOVEMENT AND PARKING DOMINATE THE STREETSCAPE (JONSON STREET)



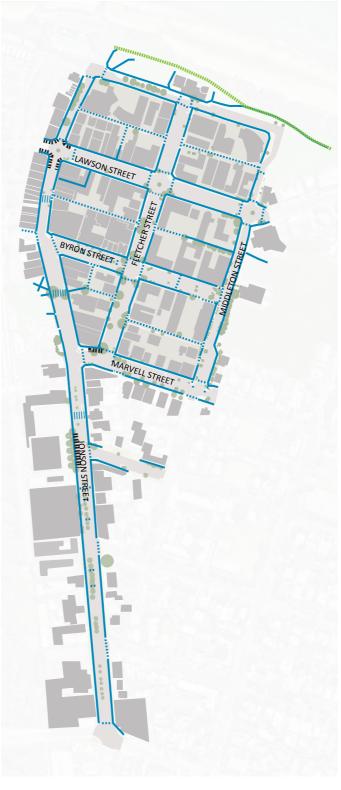
POOR AND INCONSISTENT PEDESTRIAN SURFACES



LANE WAYS WITH SHARED ZONE / ACTIVATION POTENTIAL



PHYSICAL BARRIERS AND FEATURES ARE AD-HOC AND DEGRADE STREET AMENITY (JONSON STREET)



### LEGEND



Primary pedestrian connection

Secondary pedestrian connection

Barrier



### **FGFND**

Primary vehicular connection

Secondary vehicular connection

Laneway

Car parking

--- Driveway crossover

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# 2.4 Activation

### **KEY OBSERVATIONS**

- Out of date kerb alignments resulting in 'left over' areas. These areas are located adjacent existing garden beds with some spaces having a direct connection to the adjacent footpath
- Limited space for impromptu socialising
- Mature shade tree and large pavement areas (usually on intersection corners) provide an activation opportunity



OUT OF DATE KERB ALIGNMENTS RESULTING IN WASTED PUBLIC DOMAIN SPACE

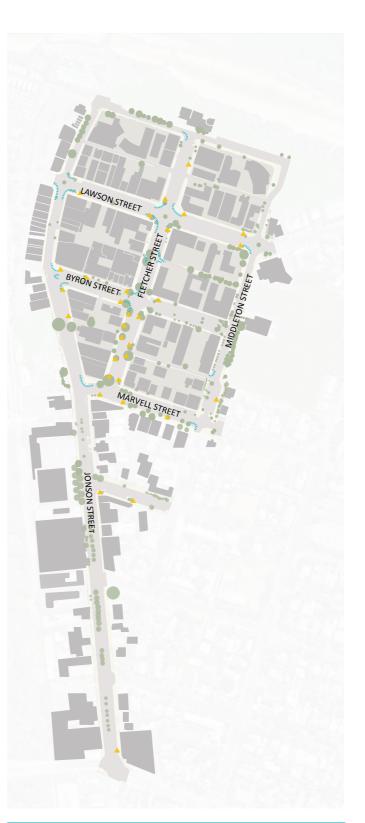


VAST, UNNECESSARY ROAD SURFACE WHERE PUBLIC DOMAIN IMPROVEMENTS COULD PROVIDE PEOPLE PLACES



AREAS OF LARGE PAVEMENT PROVIDE AN ACTIVATION OPPORTUNITY-INCREASED NATURAL SHADE WILL IMPROVE AMENITY







Opportunity for activation

### LEGEND

- Opportunity for extension of pavement
- △ Opportunity to reclaim unused space





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# 2.5 Street Infrastructure

### **KEY OBSERVATIONS**

- Lack of public seating in streets for resting and socialising
- Public furniture locations have been focused on Jonson Street and open space areas
- Short term solutions resulting in incompatible, messy finishes, and inconsistent furniture element design and style
- Furniture elements hard to locate and are not being used to their potential
- Majority of garden beds do not catch storm-water runoff and are disconnected from footpath
- Limited integration of storm-water



EXAMPLE OF EXISTING STREET FURNITURE



**EXAMPLE OF EXISTING STREET FURNITURE** 



EXAMPLE OF EXISTING STREET FURNITURE



ISLAND GARDEN BEDS THAT DO NOT CATCH STORM-WATER AND ARE DISCONNECTED FROM THE FOOTPATH THEREBY LIMITING AMENITY AND WSUD POTENTIAL





### EGEND

- Seating
- Bicycle parking
- Rubbish bin
- Public toilets
- Water refill station
- Street Lights

Stormwater drainage

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# 3.2 Design Strategies

The Byron Bay Town Centre is currently car congested, disjointed, and uninviting to a point that it is jeopardising the much loved relaxed coastal town experience.

Through the following strategies the landscape design aims to enhance the subtropical coastal town character and improve its community's experience by creating a flexible high quality vibrant network of streets that reflect the spirit of Byron Bay. A place that attracts people to visit, stay and connect.

BOOST VEGETATION TO
PROVIDE SHADE, STREET
AMENITY AND INCREASED
BIODIVERSITY

MAINTAIN THE BYRON

COASTAL TOWN

EXPERIENCE

CREATE A PERMEABLE
AND CONNECTED TOWN
CENTRE (AND CONTEXT)

IMPROVE
ENVIRONMENTAL
RESILIENCE AND
SUSTAINABILITY

**DRAFT** 

# 3.3 Strategy 1

# BOOST VEGETATION TO PROVIDE SHADE, STREET AMENITY AND INCREASED BIODIVERSITY

### **OPPORTUNITIES:**

- Increase street tree planting to improve the visual quality of streets, improve environmental performance of streets, and to provide pedestrian amenity.
   The proposed tree plantings will build upon each street's existing vegetation character to enhance Byron Bay's subtropical coastal town character
- Create integrated planting areas to define use zones, increase biodiversity, provide WSUD opportunities and enhance overall street amenity
- Upgrade existing planting areas to create consistent and high quality plantings. The use of a resilient and diverse understorey palette of native and endemic species will unify the town centre and celebrate Byron's local character and environment
- Utilise the amenity of significant mature trees by integrating seating
- Potential to provide additional shade with green arbours as an extension to building awnings



### LEGEND

- Proposed street tree
- Proposed garden bed
- Proposed green arbour
- Existing awnings



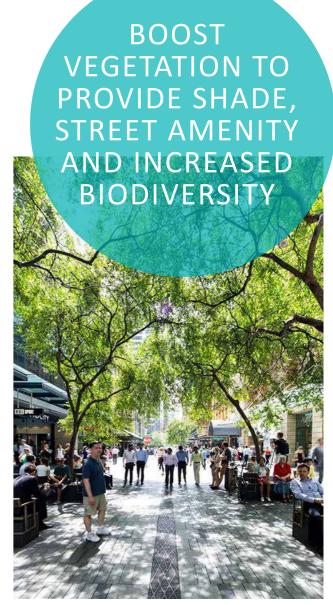
STREET TREES AND GROUNDCOVER PLANTING CREATING A GREEN BUFFER BETWEEN THE FOOTPATH AND ROAD



SUBTROPICAL PLANTINGS OF STREET TREES, PALMS AND GROUNDCOVERS



STREET TREES AND PLANTING DEFINING SEATING ZONES



CONSISTENT STREET TREE PLANTING INCREASES VISUAL QUALITY AND AMENITY



GREEN ARBOUR PROVIDING HUMAN SCALE AND PROTECTION FROM THE FLEMENTS

3.3 Strategy 1

**CREATING** COOLER **STREETS** 

**BOOST VEGETATION TO** PROVIDE SHADE, STREET AMENITY AND INCREASED **BIODIVERSITY** 

As part of this project BMT Group provided heat mapping analysis of the town centre. This research identified temperature and urban heat issues across the town centre. This enables data driven understanding of heat issues within the town centre, allowing the verification of on the ground analysis.

Assessment identified Jonson Street and the western / north-western edge of the town centre as the most dominantly hot zones. It also highlighted Lawson Street and Lateen Lane as areas of higher temperatures.

BMT Group also ran several scenarios of potential treatment measures and what impact they may have on temperatures (see diagrams right). Scenarios include:

- tree planting
- cool pavement adaptation
- cool roof adaptation

The research is valuable in verifying and highlighting areas of high temperatures. Future works can be part of the ongoing management of this increasing issue. Mapping suggests that particular thought should be given to treatments in the north west area of the town centre and the western fringe.

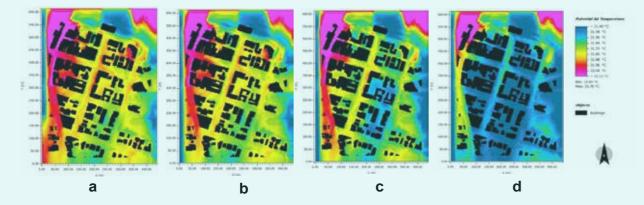


Figure 4-11 Comparison of modelling scenarios: a) reference summer scenario, b) mitigation scenario-1: tree only, c) mitigation scenario-2: tree plus cool pavement, e) mitigation scenario-3: tree plus cool pavement plus cool roof Adaptation strategy and



# 3.4 Strategy 2

# MAINTAIN THE BYRON COASTAL TOWN EXPERIENCE

### **OPPORTUNITIES:**

- Create a pedestrian prioritized beach axis along Jonson Street to provide an active connection between the town centre and Main Beach
- Provide wider footpaths where possible, shared zones and raised crossing to allow the pedestrian and cyclists to move freely through the town
- Use a consistent material palette that is resilient and low maintenance that responds to and reflects the local environmental conditions
- Introduce a consistent furniture style that reflect the Byron's unique character by using select natural materials and simple detailing
- Create 'service areas' with grouped street furniture elements to avoid cluttered streets
- Provide spaces for social interaction social streets make safe streets
- Place public seating nodes in key locations to create opportunity for activation and encourage social engagement
- Create a network of streets that are walkable and rideable by increasing street amenity and providing street furniture and access to amenity
- Redefine identified 'left over' spaces to extend the pedestrian pavement, creating additional space for activation opportunities including implementation of street furniture, additional areas for circulation or additional tree plantings
- Provide space for alfresco dinning, active buildings encourage pedestrian use and circulation
- Retain and celebrate existing key features including natural features and unique street elements



### LEGEND

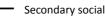
- Pedestrian prioritised beach axis (shared zone)
- Primary social streets
- Secondary social streets

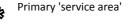


Proposed activation zone



Secondary 'service area'







A TRAFFIC CALMED STREET WITH RAISED CROSSING ALLOWING TH PEDESTRIAN AND CYCLISTS TO MOVE FREELY







HIGHLIGHT TREATMENTS SPARINGLY



PUBLIC SEATING NODES IN LEFT OVER SPACES

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# 3.5 Strategy 3

# CREATE A PERMEABLE & CONNECTED TOWN CENTRE

### **OPPORTUNITIES:**

Ensure that town centre treatments and strategies align with contextual spaces and environmental and movement flows, including;

cyclist and pedestrian





# 3.6 Strategy 4

# IMPROVE ENVIRONMENTAL RESILIENCE & SUSTAINABILITY

### **OPPORTUNITIES:**

- Implement long term design solutions instead of a band aid approach
- Integrate WSUD devices where-ever possible to improve street amenity and storm-water / environmental performance
- Use permeable paving in streets to allow infiltration where applicable
- Installing WSUD measures where possible provides for multiple uses and benefits- eg joining isolated planting islands to footpaths to provide WSUD treatments, increased street amenity, and gathering space opportunities
- Promote sustainable initiatives native planting, locally sourced materials and recycled materials
- Create streets that are flexible and resilient allowing for change and growth
- Make appropriate changes now that enable the town centre, the community, and the environment to manage issues in a way that retains the atmosphere of the place

# When deciding on materials for sustainability, the following should be considered:

- Is it made from recycled materials? Eg recycled concrete, recycled plastic, recycled glass
- Is it fabricated from re-used materials?
- Does it have a long lifespan with little maintenance?
- Is there an end of life market?
- Will it be damaged in weather events eg flood water?
- Is it repairable?
- What is the life cycle assessment of the material?



### LEGEND

- High implementation area infrastructure, permeable paving, rain gardens
- Lower implementation area permeable paving, rain gardens
- Opportunity for WSUD in existing garden beds

IMPROVE ENVIRONMENTAL RESILIENCE AND SUSTAINABILITY



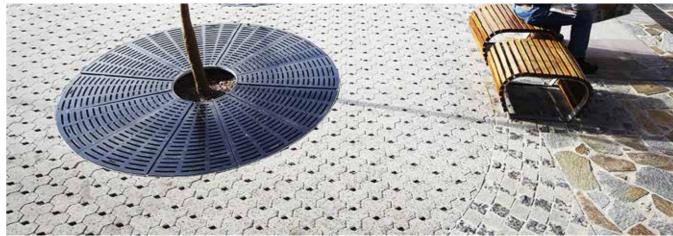
TREE GRATES IMPLEMENTED TO ALLOW FULL WIDTH PAVEMENTS WHILE STORM-WATER IS CAPTURED TO WATER



RAIN GARDENS IN STREETSCAPE



PAVED CHANNELS WITH CUT OUT IN KERBS ALLOW STORM-WATER TO BE COLLECTED IN RAIN GARDENS



PERMEABLE PAVING USED TO ALLOW TREES TO BE WATERED BY STORM-WATER

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# 4.1 Key



# LEGEND Existing tree Proposed tree Proposed palm Planting area Open space Seat Bicycle racks

### **KEY STRATEGIES**

• Landscape amenity / increased provision of shade to reduce heating and increase pedestrian comfort

WSUD opportunity

## **IMPORTANT NOTE:**



### LEGEND



Existing tree



Proposed tree



Proposed palm



Planting area



Open space



Seat



Bicycle racks



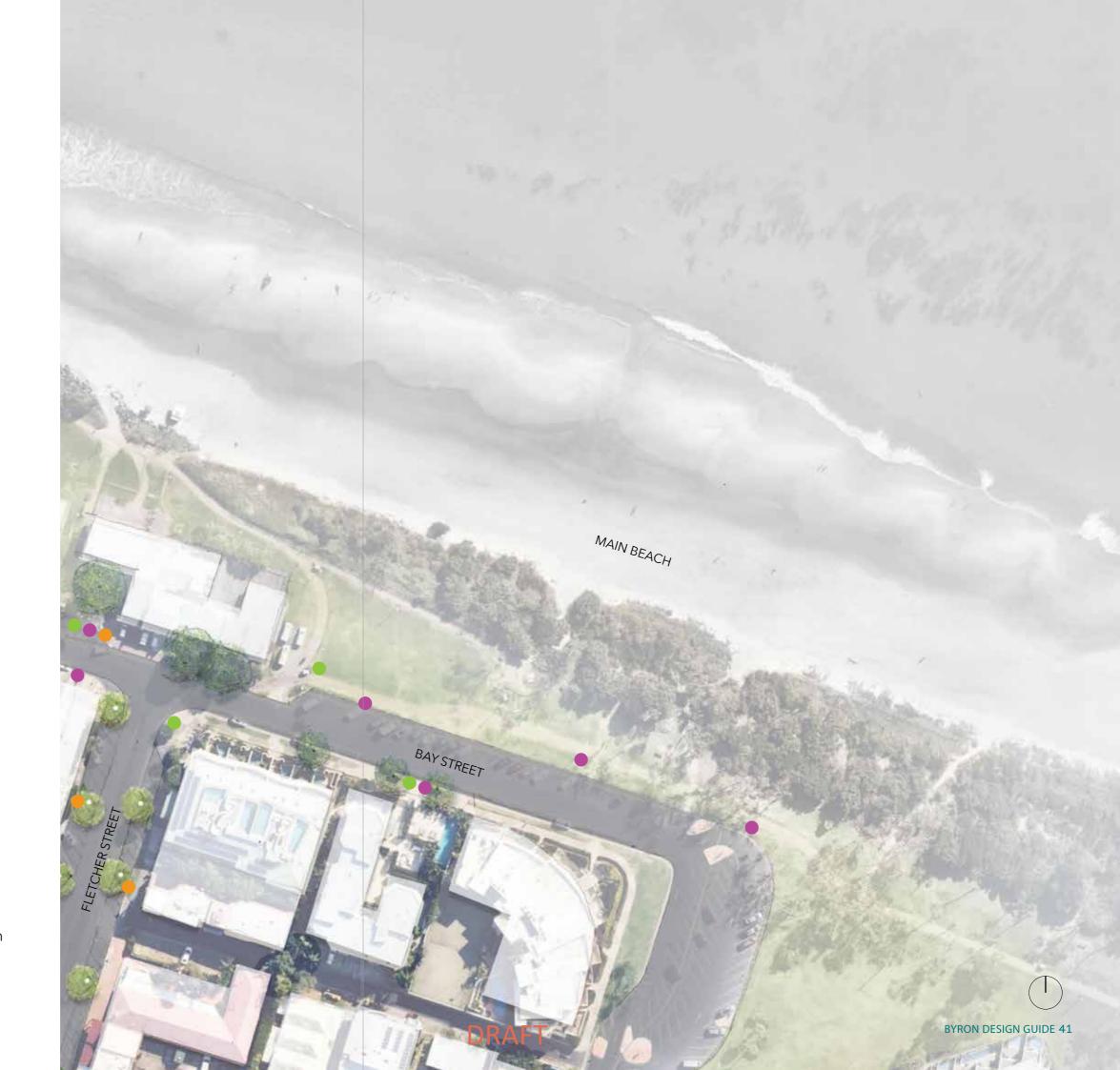


WSUD opportunity

### **KEY STRATEGIES - FLETCHER STREET**

- Landscape amenity / increased shade in northern area
- Improved retaining / integrated seating edges around Melaleuca planting areas

### **IMPORTANT NOTE:**



# Existing tree Proposed tree Proposed palm Planting area Open space Seat Bicycle racks Bins WSUD opportunity

# KEY STRATEGIES - LAWSON, JONSON & BYRON STREETS

- Extended footpath along southern side of Lawson Street to allow for increased streetscape space and improved accessibility
- Increase amenity and provision of natural shade through the planting of shade trees in the median (Lawson and Byron Streets)creating cooler streets
- Investigate the potential of undergrounding power for the main commercial block to allow for larger street tree planting (Lawson Street)

### **IMPORTANT NOTE:**



# LEGEND



Existing tree



Proposed tree



Proposed palm



Planting area



Open space





Bicycle racks





WSUD opportunity

### **KEY STRATEGIES - FLETCHER STREET**

- Landscape amenity / increased shade in northern area
- Improved retaining / integrated seating edges around Melaleuca planting areas

### **IMPORTANT NOTE:**



# LEGEND



Existing tree



Proposed tree



Proposed palm



Planting area



Open space



Seat



Bicycle racks





WSUD opportunity

### **KEY STRATEGIES - FLETCHER STREET**

• Improved retaining / integrated seating edges around Melaleuca planting areas

### **IMPORTANT NOTE:**



# LEGEND Existing tree Proposed tree Proposed palm Planting area Open space Seat Bicycle racks

WSUD opportunity

## **IMPORTANT NOTE:**



# LEGEND



Existing tree



Proposed tree



Proposed palm



Planting area



Open space



Seat



Bicycle racks



WSUD opportunity

## **IMPORTANT NOTE:**



# LEGEND



Existing tree



Proposed tree



Proposed palm



Planting area



Open space



Seat



Bicycle racks



WSUD opportunity

### **IMPORTANT NOTE:**



# LEGEND



Existing tree



Proposed tree



Proposed palm



Planting area



Open space



Seat



Bicycle racks



WSUD opportunity

### **IMPORTANT NOTE:**





# 5.1 Materials

The following pages provide the base material and furniture palette range for town centre streets. Elements not outlined in this guide include lighting and wayfinding and signage.

The proposed material palette and design elements aims to celebrate the natural environment through the use of selected natural materials.

The material palette will work towards enhancing the Town Centre to reflect Byron's unique character. The proposed materials will endeavour to be cost effective where possible.

The proposed materials include:

- Concrete pavement
- Feature pavement
- Permeable pavers
- Locally sourced stone
- Sustainably sourced Australian hardwood timber

Concrete surfaces to be sealed to enable easy cleaning.

### **ON-GOING REVIEW**

 The material palette should be regularly reviewed to ensure it capitalises on any improved material options. This may include new and improved products and suppliers. It will also enable the material selections for various projects to benefit from new sustainable products.

When deciding on materials for sustainability, the following should be considered:

- Is it made from recycled materials? Eg recycled concrete, recycled plastic, recycled glass
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- Does it have a long lifespan with little maintenance?
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- Will it be damaged in weather events eg flood water?
- Is it repairable?
- What is the life cycle assessment of the material?



FOOTPATH - CONCRETE PAVEMENT Colour A: Belongil White Colour B: Woody Head Brown (Coomera) Finish: Lightly Exposed Pattern: 'wave' to match existing



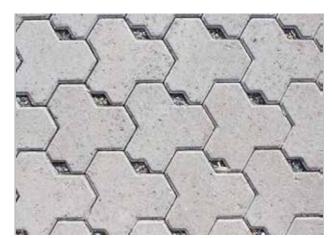
CONCRETE SEATING WALL Colour: Natural Grey Finish: Off form Height: 450mm Width: Varies



FOOTPATH - EXPOSED AGGREGATE Example exposed aggregate finish



PLACED BOULDER
Stone: Locally sourced basalt bush rock



PERMEABLE PAVEMENT - PRE-CAST CONCRETE PAVER Type: EcoTrihex Dimensions: 188L x 92D x 60H Colour: Natural, Charcoal

Colour: Natural, Charcoal Finish: Shotblast, Honed Supplier: Adbri Masonry

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# 5.2 Furniture Palette

### **ON-GOING REVIEW**

The material palette should be regularly reviewed to ensure it capitalises on any improved material options. This may include new and improved products and suppliers. It will also enable the material selections for various projects to benefit from new sustainable products.

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- Will it be damaged in weather events eg flood water?
- Is it repairable?
- What is the life cycle assessment of the material?



BICYCLE PARKING
Name: Semi-Hoop
Code: BST03
Dimensions: 845L x 120W x 850H
Fixing: Surface mounted
Material: Stainless 316
Finish: No.4 Finish (brushed)
Supplier: Street Furniture Australia



BOLLARD
Name: Slim Bollard
Code: SLIM
Dimensions: 115 Ø x 875H
Head Type: Dome
Fixing: Surface mounted
Material: Stainless 316
Finish: No.4 Finish (brushed)
Supplier: Street Furniture Australia



DUAL RUBBISH AND RECYCLE BINS Name: Macquarie Bin Enclosures Finish: Byron Shire Custom Design Supplier: Gossi Park

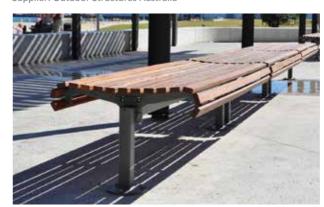


TIMBER BOLLARD

Name: Heavy Duty Traffic Barrier timber bollard

Material: Hardwood

Supplier: Outdoor Structures Australia



TIMBER BENCH
Name: Classic Plaza Bench
Material: Jarrah hardwood slats
Finish: Medium Textures finish (steel components)
Colour: Textura Woodland Grey
Supplier: Street Furniture Australia



TIMBER SEAT WITH BACKREST
Name: Classic Plaza Seat
Material: Jarrah hardwood slats
Finish: Medium Textures finish (steel components)
Colour: Textura Woodland Grey
Supplier: Street Furniture Australia



WATER BOTTLE REFILL STATION
Name: Aquafil Flexifountain
Code: AQ-FF2100BF
Material: Stainless Steel and Aluminium
Finish: Anodised
Dimension: 2109 H 600 L 310 W



# 5.3 Distinctive Places & Features

The following pages provide examples of materials and furniture treatments that may be relevant to distinctive spaces within the town centre- eg public dopmain nodes and public open spaces.

### **ON-GOING REVIEW**

The material palette should be regularly reviewed to ensure it capitalises on any improved material options. This may include new and improved products and suppliers. It will also enable the material selections for various projects to benefit from new sustainable products.

When deciding on materials for sustainability, the following should be considered:

- Is it made from recycled materials? Eg recycled concrete, recycled plastic, recycled glass
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- Is there an end of life market?
- Will it be damaged in weather events eg flood water?
- Is it repairable?
- What is the life cycle assessment of the material?



EXAMPLE - FOOTPATH - BRICK FEATURE PAVEMENT Supplier: Lincoln Bricks Note: the use of segmental pavers shall be minimal to ensure manageable on-going maintenance



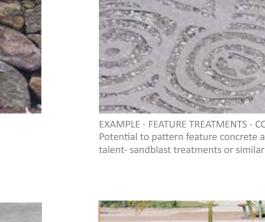
**EXAMPLE - BACKLESS TIMBER BENCH SEAT** Custom timber bench seat in the Byron Rail Corridor Park



**EXAMPLE - PEDESTRIAN THRESHOLD TREATMENT** Note: the use of segmental pavers shall be minimal to ensure manageable on-going maintenance



**EXAMPLE - BASALT ROCK SEATING WALL** Stone: Locally sourced basalt bush rock Height: 450mm Width: 450mm





**EXAMPLE - STONE BOLLARD AND STOOL SEAT** Name: Scoop - Round Code: SCP02- R2 Dimensions: 500L x 520D x 450 H

Material: Granite Supplier: UAP Company (Supply)



Name: Happy Hoops (4 options) Code: varies Fixing: Surface mounted Material: Stainless 316

Finish: Painted (4 options)

NOTE: Coordinate with Council for particular design and locations of bespoke bike racks.



EXAMPLE - FEATURE TREATMENTS - CONCRETE PAVEMENT Potential to pattern feature concrete areas to highlight local creative



EXAMPLE - TIMBER BENCH SEAT WITH BACK Name: Flip Seat Material: Powdercoated steel, spotted gum slats Supplier: MOS Urban



EXAMPLE - FEATURE BRICK SEATING WALL



EXAMPLE - RECYCLED BRIDGE TIMBER SEAT



EXAMPLE - FEATURE ART WORK



EXAMPLE - PERMEABLE PAVEMENT - PRE-CAST CONCRETE PAVER Type: EcoTrihex
Dimensions: 188L x 92D x 60H

Colour: Natural, Charcoal Finish: Shotblast, Honed Supplier: Adbri Masonry



EXAMPLE - SMALL TABLE AND SEAT Supplier: MOS Urban



EXAMPLE - CUSTOM TIMBER BENCH - CURVED HDG steel structure and hardwood (spotted gum) slats



EXAMPLE - ROUNDABOUT TREATMENT

Site specific round about and median treatments to create a sense of place and low key coastal atmosphere while considering maintenance, view lines and safety.



EXAMPLE - SHADED STREETS MEDIAN PLANTING Creating shaded streets with appropriate street trees to enhance the comfort, walk-ability and visual aesthetic of the streets while considering safety and view lines.



EXAMPLE - MEDIAN TREATMENTS

Streets median treatments to incorporate planting, walk-ability and access and WSUD principles such as permeable pavement and infiltration gardens while considering view lines and safety.

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# 5.4 Pavement

Creating a guiding approach to pavement treatments across the town centre areas. See key plan to right.

## LEGEND

Feature pavement streets- note that even in feature streets the use of segmental pavers shall be minimal to ensure manageable ongoing maintenance

Typical 'wave pattern' streets

Standard footpath streets

# 5.5 Wayfinding & Signage

A wayfinding and signage strategy and design palette for the town centre is not included in this design guide. An integrated wayfinding and signage stragey and palette should be undertaken to guide future signage decisions.



# 5.6 Street Tree Masterplan

Species and locations are a guide onlycase by case assessment required as potential works progress. Council to also continue their on-going review of species across the town centre to hone the planting palette insitu, ensuring plantings are utilising species with a track record of success and health.

The following species lists have been established in coordination with Byron Shire Council's on-going species trials and assessments.

### **ON-GOING REVIEW**

The species outlined above and in the following pages should form the basis for a 'live' species list. This will enable the species list to be adjusted as required based on the performance of species in-situ.



DOUBLE CHECK TREE LOCATIONS AND SP



# 5.6 Street Tree Masterplan

### TREES & PALMS

| Botanical Name                 |                     |  |  |  |
|--------------------------------|---------------------|--|--|--|
| ARAUCARIA heterophylla         | Norfolk Island Pine |  |  |  |
| ARCHONTOPHOENIX cunninghamiana | Bangalow Palm       |  |  |  |
| ACMENA hemilampra              | Lilly Pilly         |  |  |  |
| ACMENA smithii                 | Lilly Pilly         |  |  |  |
| ATRACTOCARPUS fitzilani        | Native gardenia     |  |  |  |
| BACKHOUSIA myrtifolia          | Grey Myrtle         |  |  |  |
| BANKSIA integrifolia           | Coast Banksia       |  |  |  |
| CALLISTEMON viminalis          | Weeping Bottlebrush |  |  |  |
| CASUARINA equisetifolia        | Coastal Sheoak      |  |  |  |
| CUPANIOPSIS anacardioides      | Tuckeroo            |  |  |  |
| ELAEOCARPUS eumundi            | Eumundi Quandong    |  |  |  |
| ELAEOCARPUS obovatus           | Hard Quandong       |  |  |  |
| ELAEOCARPUS reticulatus        | Blueberry Ash       |  |  |  |
| FICUS microcarpa hillii        | Hills Weeping Fig   |  |  |  |
| FLINDERSIA bennettiana         | Bennetts Ash        |  |  |  |
| FLINDERSIA schottiana          | Cudgerie            |  |  |  |
| HIBISCUS tiliaceus             | Cottonwood          |  |  |  |
| LIVISTONA australis            | Cabbage Tree Palm   |  |  |  |
| LOPHOSTEMON confertus          | Brush Box           |  |  |  |
| LOPHOSTEMON suaveolens         | Swamp Box           |  |  |  |
| MELALEUCA quinquenervia        | Paperbark           |  |  |  |
| PANDANUS tectorius             | Screw Pine          |  |  |  |
| STENOCARPUS sinuatus           | Firewheel           |  |  |  |
| SYZYGIUM leuhmanii             | Riberry             |  |  |  |
| TRISTANIOPSIS laurina          | Water Gum           |  |  |  |
| WATERHOUSIA floribunda         | Weeping Lilly Pilly |  |  |  |
|                                |                     |  |  |  |



ARCHONTOPHOENIX cunninghamiana



LOPHOSTEMON confertus



HIBISCUS tiliaceus



CALLISTEMON viminalis



CUPANIOPSIS anacardioides



CASUARINA equisetifolia



PANDANUS tectorius



FLINDERSIA bennettiana



ELAEOCARPUS reticulatus



ARAUCARIA heterophylla



BANKSIA integrifolia



MELALEUCA quinquenervia

# 5.7 Plant Palette

### GROUNDCOVERS, GRASSES & CLIMBERS

| Botanical Name                         | Common Name             | Sun | Shade | Wet | Dry | WSUD |  |
|--|-------------------------|-----|-------|-----|-----|------|--|
| ANIGOZANTHOS flavidus                  | Kangaroo Paw            |     |       |     |     |      |  |
| BLECHNUM cartilagenium                 | Gristle fern            |     |       |     |     |      |  |
| CALOCHLAENA dubia                      |                         |     |       |     |     |      |  |
| CARPOBROTUS glaucescens                | Pig Face                |     |       |     |     |      |  |
| CASUARINA glauca Cousin It             | Cousin It               |     |       |     |     |      |  |
| CASUARINA glauca Green<br>Wave         | Green Wave              |     |       |     |     |      |  |
| CONOSTYLUS Silver Sunrise              | Cotton Heads            |     |       |     |     |      |  |
| DIANELLA caerulea                      | Flax Lily               |     |       |     |     |      |  |
| DIANELLA Emerald Fountain              | Emerald Fountain        |     |       |     |     |      |  |
| DICHONDRA repens                       | Kidney Weed             |     |       |     |     |      |  |
| ERIOSTEMON myoperoides<br>Profusion    | Long-Leaf Wax<br>Flower |     |       |     |     |      |  |
| FICINIA nodosa                         | Knobby Clubrush         |     |       |     |     |      |  |
| DOODIA aspera                          | Prickly Rasp Fern       |     |       |     |     |      |  |
| HARDENBERGIA violacea                  | Happy Wanderer          |     |       |     |     |      |  |
| HIBBERTIA scandens                     | Snake Vine              |     |       |     |     |      |  |
| HOYA australis                         | Wax Vine                |     |       |     |     |      |  |
| LIBBERTIA paniculta                    | Grass Flag              |     |       |     |     |      |  |
| LOMANDRA Cracker Jack                  | Cracker Jack            |     |       |     |     |      |  |
| LOMANDRA hystrix                       | Lomandra                |     |       |     |     |      |  |
| LOMANDRA Little Con                    | Little Con              |     |       |     |     |      |  |
| LOMANDRA Lime Tuff                     | Lime Tuff               |     |       |     |     |      |  |
| LOMANDRA Tropic Cascade                | Tropic Cascade          |     |       |     |     |      |  |
| LOMANDRA Verday                        | Verday                  |     |       |     |     |      |  |
| MICROSORUM pustulatum                  | Kangaroo Fern           |     |       |     |     |      |  |
| MYOPORUM ellipticum                    | Coastal Boobiala        |     |       |     |     |      |  |
| MYOPORUM parvifolium<br>Yareena        | Yareena                 |     |       |     |     |      |  |
| PANDOREA jasminoides<br>Southern Belle | Wonga Vine              |     |       |     |     |      |  |
| PHEBALIUM woombye<br>Prostrate         | Woombye Prostrate       |     |       |     |     |      |  |
| PLATYCERIUM bifurcatum                 | Elkhorn Fern            |     |       |     |     |      |  |
| VIOLA hederaecea                       | Native Violet           |     |       |     |     |      |  |
|  |                         |     |       |     |     |      |  |



# 5.6 Plant Palette

### **SHRUBS & FEATURE PLANTS**



Disclaimer: This palette encourages the use of species that retain and enhance Byron's specific character. This list may be expanded upon during detailed design. This list should be periodically reviewed and amended as species are trialled.







