

Town & Settlement Entrances Strategy

Phase One: Towns



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1. Introduction

1.1. What is the town & settlements entrance strategy?

This Town & Settlements Entrance Strategy provides a basis for identifying and prioritising a selection of town and settlement entrances across the district that will undergo some roading and aesthetic improvements.

Our town and settlement entrances provide a means of identifying and accessing our communities for residents and visitors, while presenting an opportunity for Council to enhance the attractiveness of our centres and welcome visitors to the region.

This Strategy supports a masterplan design approach incorporating considered and coordinated aesthetic treatments for targeted entrance roads, where, historically, treatments may have been approached in isolation across the district.

1.2. How was the strategy developed?

The district's Community Boards and Council were consulted on a range of issues and questions in the formation of this strategy, as follows:

- Identification and prioritisation of key town entrance roads to undergo improvements.
- The formation of key objectives that support Community Board and Council drivers for the project.
- Key principles that underpin all district town and settlement entrance design treatments.
- Design treatment options as determined by roading and greenspace considerations.
- The funding mechanisms and timeframe required to deliver on the project's scope.

A draft copy of the Town Entrance Strategy was presented at the Community Board "All Boards" meeting held on 24 June 2019. Initial prioritised entrance roads and development criteria were recommended by staff and then discussed, refined, and confirmed in consultation with community board members.

Following the Community Board meeting, the draft Strategy was updated to reflect community board feedback. The modified Strategy (Town & Settlement Entrances Strategy: Phase One – Towns) inclusive of the list of prioritised roads and timeframe requirements was presented to the Community and Recreation Committee on 17 December 2019 for adoption.

The Strategy provides a basis for consideration to guide decision making of incremental entrance improvement projects as they arise and development of a programmed approach for consideration as a 'line item' in the preparation of the 2021-31 Long Term Plan.

Phase One relates to the District's main towns and is of value now in its own right to guide decision making. Phase Two, smaller settlements, will be completed in time to be considered in the context of developing an overall prioritised programme through the 20-21 Long Term Plan. Depending on how that programme is constructed, the review frequency for the strategy will be determined at that time.

2. Strategic Context

2.1. Strategic Alignment

The following statutes, policies, strategies and plans provide a strategic framework for the formation of the Town & Settlement Entrance Strategy.

National	Regional	Local
<ul style="list-style-type: none"> - Resource Management Act 1991 - Land Transport Act 1998 - Local Government Act 2002 - Government Roading Powers Act 1989 	<ul style="list-style-type: none"> - Canterbury Regional Land Transport Strategy 2012 to 2042 - Canterbury Regional Land Transport Plan 2015-2025 	<ul style="list-style-type: none"> - Waimakariri District Plan - Waimakariri 2048 District Development Strategy - Waimakariri District Council Long Term Plan 2018-2028 - Waimakariri District Road Safety Strategy 2011-2016 - Waimakariri Accessibility Strategy 2017 - Waimakariri District Council Street and Reserves Trees Policy 2017 - Waimakariri Walking and Cycling Strategy - Activity Management Plan Community Greenspace 2018 - Rangiora Town Centre Strategy - Kaiapoi Town Centre Plan - Oxford Town Centre Strategy - Signage Bylaw 2012 - Parking Bylaw 2007 - Speed Limits Bylaw 2009 - Draft Business Zone 1 & 2 Public Spaces Policy 2018 - Asset Management Policy

2.2. How will the strategy be funded?

It is anticipated that funding will be sourced for the project, as follows:

- Annual Plan funding process as projects are evolved and costings are established
- Community Boards Discretionary Fund
- Existing Greenspace infrastructure budgets (for general improvements)
- Some Rooding funding may be available for projects considered to have safety benefits
- Long Term Plan

Once funding is secured it will be allocated across the Rooding and Greenspace Units based on the relative design aspects of the approved entrance projects.

While the Strategy acts as a decision-making framework for improvement projects as they might arise in the short term, consideration will be given through the 2021-31 Long Term Plan process for a programmed approach over the ten year period.

3. Project Planning Framework

3.1. Scope and Definitions

This Phase One Strategy covers town entrance treatment improvements for Rangiora, Kaiapoi, Oxford, Woodend and Pegasus. The inclusion of some smaller rural settlements (Phase Two) will be in time for consideration through the 2021-31 Long Term Plan process.

A town in this Strategy is defined as an independent residential community in the Waimakariri District with a population exceeding 2,000 and those highlighted as main towns in the Waimakariri 2048 District Development Strategy.

A settlement in this Strategy is defined as a small beach or rural community as identified in the District Development Strategy - Waikuku Beach, Woodend Beach, The Pines Beach and Kairaki, and the rural villages located at Cust, Sefton, Ashley, Ohoka and Tuahiwi.

Entrances are considered as the general confluence point between the rural and urban boundaries on each of the nominated entrance roads. The length of each entrance treatment will be specific to each road and its requirements. However, each treatment will likely stay in proximity to the confluence point and not extend all the way into the town centre.

3.2. Vision

Through the following vision statement this Strategy aims to support the formation of unique town and settlement entrances:

Selected town and settlement entrances across the Waimakariri District are mainly green (landscaped), attractive, welcoming and notable, reflecting the unique character and identify of each community.

3.3. Objectives

The following objectives aim to support the strategy's vision for all design treatments:

1. **VISUAL AMENITY:** Enhance the attractiveness of town and settlement entrances in our District.
2. **IDENTIFICATION AND WAYFINDING:** Clearly identify town and settlement main entrances for visitors and residents.
3. **DESIGN CONSISTENCY:** Ensure consistency and cohesion of select design elements specific to each town and settlement.
4. **DESTINATION:** Create a sense of arrival by welcoming visitors and residents.

3.4. Design

Design Principles

The following design principles will underpin all aesthetic and functional treatments for selected entrances.

Principle	Description
Quality	Moderate to high standard of output effect.
Attractiveness	Aesthetically pleasing supporting character and appeal.
Functional	Practical and useful for the purpose they are assigned.
Longevity	Offering a longer term service life.
Durable	Resilient to the effects of the environment, i.e. weather, people, animals, vehicles.
Maintainable	Easily accessible for ongoing care and maintenance.
Affordable	Economical to implement and maintain.

Individual Theming

Individual theming treatments for each town and settlement are best applied across identification and welcome signage, planting palettes and street based art (sculptures). Consistent roading treatments are difficult to apply given the variation of entrance roads and the treatments they can support. While treatments aim to retain the unique character of each community, they will sit within the context of a cohesive district-wide framework as evidenced by this Strategy.

Appendix 8.2 features a copy of the approved greenspace design guide for Kaiapoi which outlines a thematic range of treatment colours, plants and design materials. Appendix 7.3 includes an informal greenspace design guide for the Rangiora Town Centre, which may influence subsequent town entrance treatments.

3.5. Community Consultation

It is anticipated that each community will have some input into the design of their entrance treatments. A range of public consultation processes will be undertaken before each treatment design is finalised, financed and implemented.

4. Phase One – Towns Implementation

4.1. Road Selection and Classifications

The following roads and their town entrance points have been prioritised to undergo entrance improvement treatments. These roads are currently utilised as main thoroughfares into and through our district towns or act as key collector roads connecting residential or rural areas to arterials.

The road types and definitions are based on District Plan Maps 135 to 137 with the exclusion of the new portion of Townsend Road, Woodside Road, Pegasus Boulevard and Bob Robertson Drive, which are not classified in the current District Plan. Staff have classified these roads in accordance with plan models.

Road Classifications		
Town	Roads	Type
Rangiora	Milton Ave / Ashley Street Lineside Road Flaxton Road Townsend Road Johns Road Kippenberger Avenue Oxford Road Coldstream Road	Strategic Strategic Arterial <i>Urban Collector</i> <i>Urban Collector</i> Arterial Strategic Local Road
Kaiapoi	Williams Street Main North Road Smith Street Ohoka Road (including off-ramp from motorway)	Arterial Arterial Strategic Urban Collector
Woodend	Main North Road (North) Main North Road (South) Rangiora Woodend Road	Strategic Strategic Collector
Oxford	Ashley Gorge Road Oxford Road Depot Road / Main Street	Collector Strategic Strategic
Pegasus	Pegasus Boulevard Bob Robertson Drive	<i>Collector</i> <i>Collector</i>
Classification Definitions		
Type	Description	
Strategic	Strategic Road generally means a road that is a present, former or proposed State Highway road serving as an inter-district route.	
Arterial	Arterial Road generally means a road that is of major importance in the District serving significant populations and functioning as a prime access to other major centres inside and outside the District.	
Collector	Collector Road generally means a road that is the preferred route for travel from within, and between, areas of population and principal activities and includes roads serving as the prime egress from major production forests in the District and on its borders.	
Urban Collector	Urban Collector Road generally means any road that is the preferred route for travel through and within urban centres, including the collection of local traffic.	
Local Road	Local Road generally means a road whose primary function is property access.	

The above definitions are based on the District Plan categorisations. See Appendix 1 for a visual diagram of District Plan Maps 135-137

4.2. Setting Treatments

4.2.1. Options

A range of aesthetic and functional treatments could be available to support town and settlement entrance improvements across the District. These treatments factor in road related regulations, New Zealand Transport Agency requirements, signage rules, as well as health and safety provisions.

The palette of scalable treatments could include:

Streetscape:

- Improved signs (destination / welcome)
- Landscaping
- Lighting
- Artwork (sculptures)

A number of roading treatments could also be applied to support amenity outcomes for entrances and consideration could be given to other areas such as cycleway improvements.

Specific advice on design or setting elements will be sought from the Greenspace and Roading teams as required.

4.2.2. Greening Entrances

With all entrances there will be a focus on the implementation of greening treatments such as shrubs or trees planted along the roading corridor that may (where appropriate) present an 'avenue effect'. All landscaping treatments will be determined by the various roading constraints, budget considerations, and in accordance with community feedback received during any consultation period. When landscaping, the Greenspace Unit will seek to apply a specific combination of carefully selected planting materials for each town or settlement.

4.2.3. Town Improvements Implementation

The following improvements or additions have been deemed the most ideal or appropriate for the road classification and in situ physical arrangements specific to each road and town.

Recommended town entrance treatments are as follows:

Road	Type	Streetscape					Road					
		Improved Signs – destination / welcome	Widening Footpaths	Kerb / Shoulder Landscaping	Lighting / Reflectors	Artwork	Speed Limits	Improved Signs – wayfaring	Road Markings	Road Widening	Meridian Islands	Kerb build-outs
RANGIORA												
Milton Ave/ Ashley Street	Strategic	X		X	X			X				
Lineside Road	Strategic	X			X							
Flaxton Road	Arterial	X		X	X							
Townsend Road	Urban Collector	X		X	X		X		X			
Johns Road	Urban Collector											
Kippenberger Avenue	Arterial	X		X	X	X				X		X
Oxford Road	Strategic	X		X	X						X	
Coldstream Road	Local Road	X		X	X							
KAIAPOI												
Williams Street	Arterial	X			X					X		
Main North Road	Arterial	X			X							X
Smith Street	Strategic	X		X	X							
Ohoka Road	Urban Collector	X		X	X							
WOODEND												
Main North Road (North)	Strategic	X		X	X							X
Main North Road (South)	Strategic	X		X	X							X
Rangiora Woodend Road	Collector	X		X	X							X
OXFORD												
Ashley Gorge Road	Collector	X		X	X			X	X			
Oxford Road	Strategic	X			X							
Depot Road	Strategic	X		X	X							

PEGASUS													
Pegasus Boulevard	Collector												
Bob Robertson Drive	Collector												

Italicised = existing/ roading and greenspace projects in addition to suggested town entrance improvements

The above table identifies general streetscape and roading improvements that could be considered in more detail through a comprehensive design and (where appropriate) community consultation process.

4.3. Transport and Greenspace Considerations

A number of transport and greenspace projects are currently underway or are proposed for the future and may impact the treatments outlined in this Strategy.

Staff coordinating projects of relevance can refer to this strategy to ensure direct or proximity town entrance treatments are consistent with the principles and objectives outlined in this document.

A copy of the final strategy will be circulated to relevant staff in the Roothing, Greenspace and Project Delivery Units and made available via Trim.

5. Implementation

5.1. Towns Priority Matrix, Timeline and Funding

The implementation of treatments has been prioritised according to the road hierarchy, with the strategic thoroughfares – arterial and strategic roads – being given top consideration within this strategy:

ROAD	TYPE	TOWN	PRIORITY
Flaxton Road	Arterial	Rangiora	1
Kippenberger	Arterial	Rangiora	1
Coldstream Road	Local Road	Rangiora	1
Williams Street	Arterial	Kaiapoi	1
Main North Road	Arterial	Kaiapoi	1
Ashley Street	Strategic	Rangiora	2
Lineside Road	Strategic	Rangiora	2
Oxford Road	Strategic	Rangiora	2
Smith Street	Strategic	Kaiapoi	2
Main North Road (SH1)	Strategic	Woodend	2
Oxford Road	Strategic	Oxford	2
Depot Road/Main Street	Strategic	Oxford	2
Rangiora Woodend Road	Collector	Woodend	3
Ashely Gorge Road	Collector	Oxford	3
Townsend Road	Urban Collector	Rangiora	4
Johns Road	Urban Collector	Rangiora	4
Ohoka Road	Urban Collector	Kaiapoi	4

A budget request for the full programme will be submitted in time for consideration through the 2021-31 Long Term Plan process with the view that physical works commence from 2022. Where necessary, an additional ‘top up’ budget request for each priority stage can be submitted during each annual plan review in accordance with the comprehensive design requirements of each treatment.

6. Staff Resourcing

6.1. Staff Involvement

Entrance treatment projects may involve team members from the:

Unit	Staff Involvement
Roading and Transport Unit	Roading and transport safety advice Review of the Town and Settlement Entrance Strategy
Greenspace Unit	Landscaping design and physical works Review of the Town and Settlement Entrance Strategy
Project Delivery Unit	Roading work design and the delivery of all physical roading works
Communications & Engagement Unit	Communications surrounding any physical works
Customer Services	Respond to customer service enquiries

The specific impact on staff time will be assessed once projects have been assigned to a project manager and further detail completed for all treatment design and costing elements.

Where appropriate, alignment of town and settlement entry projects, existing upgrades or new work projects will be undertaken to reduce the impact on staff time.

6.2. Ongoing Maintenance

The Roothing and Greenspace Units will be responsible for the ongoing maintenance and replacement of amenity improvements to the town and settlement entrances. Greenspace will oversee all landscaping requirements including the maintenance and replacement of town and settlement entrance signs. Roothing will oversee and all roading requirements including upgrades to transport related signs.

7. Monitoring and Review

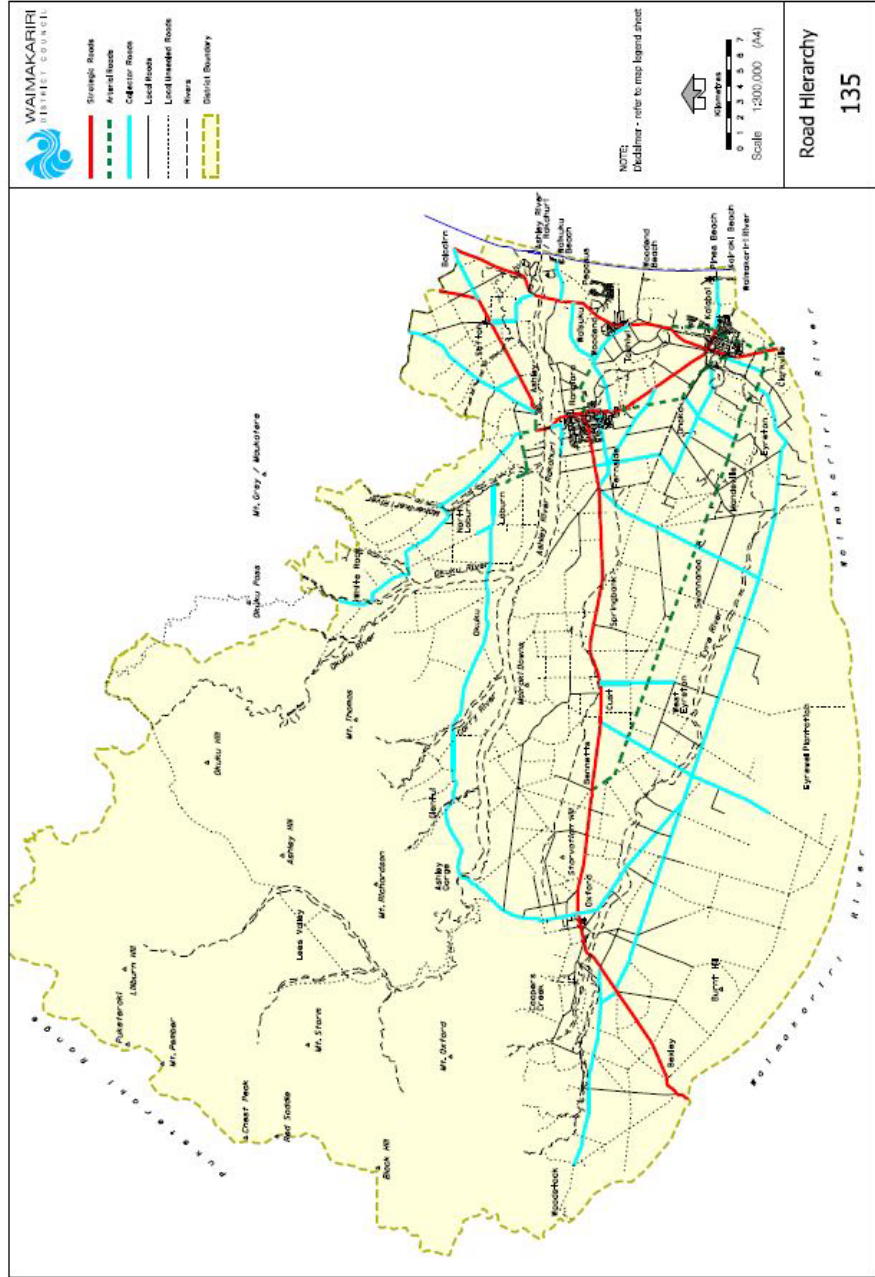
7.1. Monitoring and Review

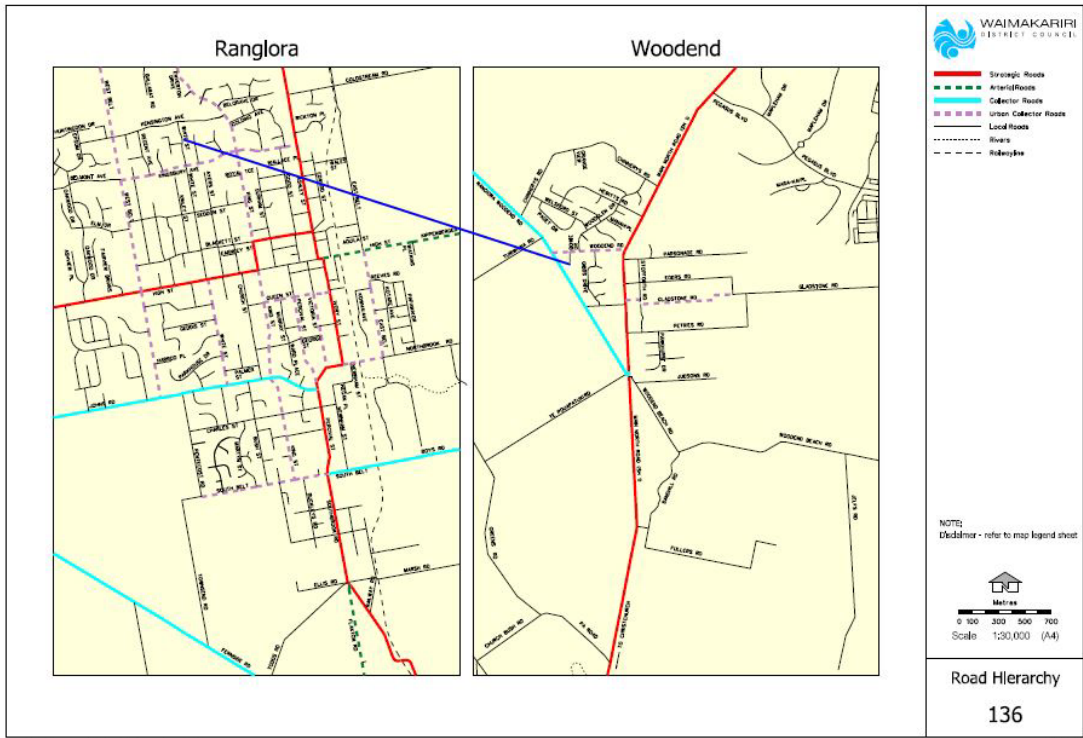
This Strategy aims to assist Council in monitoring the implementation of related or direct town and settlement entrance improvement projects to ensure delivery of the vision and objectives outlined therein.

This Strategy will be reviewed again in 2021 and updated as necessary by staff from the Greenspace and Roading and Transport Units.

8. Appendix

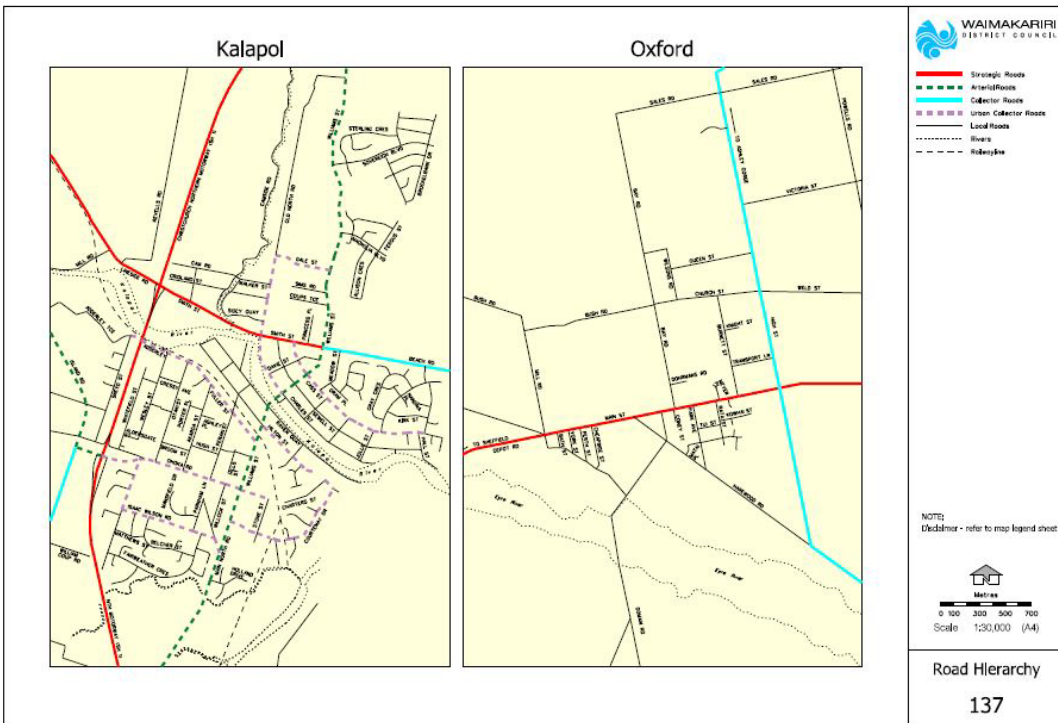
8.1. District Plan Maps 135-137





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8.2. Kaiapoi: Green Space Design Guide

FEATURES - character, interest, detail

Features, elements and focal points in green spaces create a sense of identity and difference. They can be used to tell the local story in an interactive and interesting way as well as serving a landscape or functional purpose.



Reuse of wharf timbers

Maritime references - shapes, materials and colours to reflect Kaiapoi as a river town. Celebrates the river and its history.



Patterned Cor-ten panels

Creates a focus and point of interest. Tells the local story and contributes to the local identity.



Gabion baskets

An urban representation of Kaiapoi's wider landscape context, between the rivers.



Etched pavers

Telling the local story in the pavers. Can recognise key events, people and places. Provides character, interest and texture at a fine grain.



Paving patterns

Interpretation of Maori weaving patterns recognises Kaiapoi's first settlers. They also create visual interest at a fine grain and contribute to the local identity.



Sculptural elements

Give a sense of focus and identity to a space. Creates interest and interaction, particularly if they are multi-use (e.g. block forms that act as seats).

KAIAPOI: GREEN SPACE DESIGN GUIDE

The Kaiapoi Green Space Design Guide is intended to guide landscape elements in the green spaces. The colour, materials, plants and features all combine to celebrate the local identity, link to the nature, culture and heritage of the river, tell a cohesive story and create spaces recognisable as Kaiapoi.

A multi-layered approach to telling the local story

			
HISTORY Kaiapoi as a river town	CULTURE Local identity, local story	ECOLOGY The plains, the rivers, the coast	RECREATION An inclusive space - something for everyone



COLOUR - building a local character and identity.



Kaipoi Blue



Grey/silver



Burnt orange



Bright green

The colour palette builds on the existing colours of Kaiapoi and reinforces the local identity.



Yellow



Red



Purple

MATERIALS - telling the local story.

Materials can make direct and subtle references to the history, culture and ecology of a place. A cohesive palette of materials can create a local identity and link different spaces together.



Stone

An ecological reference to the braided river form, and Kaiapoi's location between the Waikakariri and Ashley Rivers.



Bluestone

A rich, strong material used to define key public spaces. Different textures and colour variation define spaces and mark edges.



Exposed aggregate

A robust urban material that provides texture and adds interest at a fine grain.



Concrete pavers

Creates a sense of formality and order. Provides detail and character at a fine grain.



Timber

A historical link to the use of timber in maritime environments. A good contrast to hard materials such as stone and concrete.



Recycled wharf timber

An historical link to Kaiapoi. Provides a sense of strength and stability. Will soften and weather with age. A good contrast for hard materials such as stone and concrete.



Cor-ten steel

A cultural link to the shipping and industrial past of Kaiapoi. Material weathers (ages) giving a sense of time. A strong, robust, contemporary material.



Rope

A strong nautical feature and historical link. References the rigging on the Turbot and the structure of the Mandeville Bridge.

PLANTS - shape, colour, texture, movement.

As well as providing an ecological link to the vegetation of the area, plants also contribute via their shape, colour, texture and movement to the experience of space.



Honey locust

Gedisia tricanthos f. inermis
Large, deciduous, specimen tree with fern-like lime green leaves that turn a bright yellow in autumn.



Golden totara

Podocarpus totara 'Aurea'
A specimen tree with rich gold-yellow leaves. Grows up to six metres, pyramidal form.



Kowhai

Sophora microphylla
Small tree with glossy, green fern-like foliage. Striking yellow flowers in spring.



Kapuka

Griselinia littoralis
Small tree with glossy, bright green/yellow leaves. Great contrast and background tree.



Flax

Phormium 'Gold Sword'
Sword shaped leaves with a narrow green centre with golden strips along the edges.



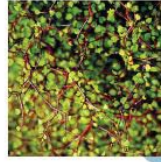
Miniature totai

Chionochois flavicans
A tussock grass with bright green foliage and feathery flower heads.



Jointed rush (oiol)

Apodasmia similis
Fine reed-like plant (will grow in dry conditions). Has a soft weeping form with an orange hue.



Muellerbeckia

Muellerbeckia astonii
A dense mound of zigzagging branches. Tiny bright green leaves, orange/veined branches.



Carex

Carex testacea
A small grass with bright green and orange foliage. A blast of colour and movement. Effective mass planted.



Mikkoiko

Libertia peregrinans
Small, bright orange grass with white flowers in spring and summer.



Astelia

Astelia chaitanica 'Silver spear'
Silver sword-like leaves, good for contrast with other plants.



This is not intended as a definitive species list for Kaiapoi. Different species may be entirely appropriate, depending on location, conditions and design. The plant palette is intended to simply guide the use of plant materials in design.

8.3. Rangiora Town Centre: Greenspace Design Guide

RANGIORA TOWN CENTRE: GREEN SPACE DESIGN GUIDE

The Rangiora Town Centre: Green Space Design Guide is intended to guide landscape elements in the town centre. The colour, materials, plants and features all combine to create a place that celebrates the local community, and tells the local story.

A multi-layered approach to a vibrant main street



HISTORY -

Celebrating the heritage values as a key feature of the town centre.



CULTURE -

A rural town centre with its own identity and stories.



PEOPLE -

Supporting a community, making vibrant, accessible, quality places for people.



COLOUR - *celebrating the local character and identity*

The colours of the Rangiora Town Centre reflect the areas rural background and heritage.



Fresh green

Grey

Silver



Barn red

Brick red

Red



Plains brown

Yellow

Black

PLANTS - colour, texture, shape, movement

Trees and gardens make a key contribution to the amenity values of urban space. They provide shape, colour, texture and movement, and add to the experience of space through shading, variety and interest. Trees and gardens also 'green' a space, providing a contrast to solid architecture and hard surfaces. The plant palette for the Rangiora Town Centre draws on the rich colours of the rural landscape. Reds, oranges, yellows and bright greens will lift the streetscape and provide a sense of energy and cohesion.



Ginkgo biloba

Attractive specimen tree with unusually shaped lime green leaves that turn bright yellow in winter.



Hebe

Hebe 'Emerald Green' is a dwarf shrub with emerald green foliage and small white flowers.



Muehlenbeckia

Muehlenbeckia astonii A dense mound of zigzagging branches. Tiny bright green leaves, orange/red branches.



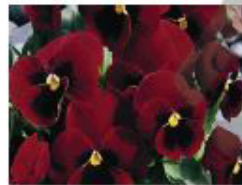
Coprosma galaxy

Small grey/brown shrub with tiny evergreen leaves. A soft delicate form that contrasts well with hard surfaces.



Heuchera spp.

Small perennial that comes in a variety of colours from pink, through to red, burgundy and orange.



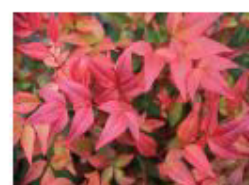
Colourful annuals

Bright annuals with red tones for underplanting in garden areas.



Red Leopard

Pseudowintera 'Red Leopard'. A compact shrub with rich, burgundy-red and green foliage.



Nandina spp.

Compact shrub with leaves that change throughout the year from lime green to bronze to fiery red and orange.



Mikoikoi

Libertia 'Taupo blaze' Small, bright orange grass with white flowers in spring and summer.



Yellow carpet rose

A ground cover rose with masses of buttercup yellow flowers from spring through to autumn.



Ginkgo biloba

In its winter glory.