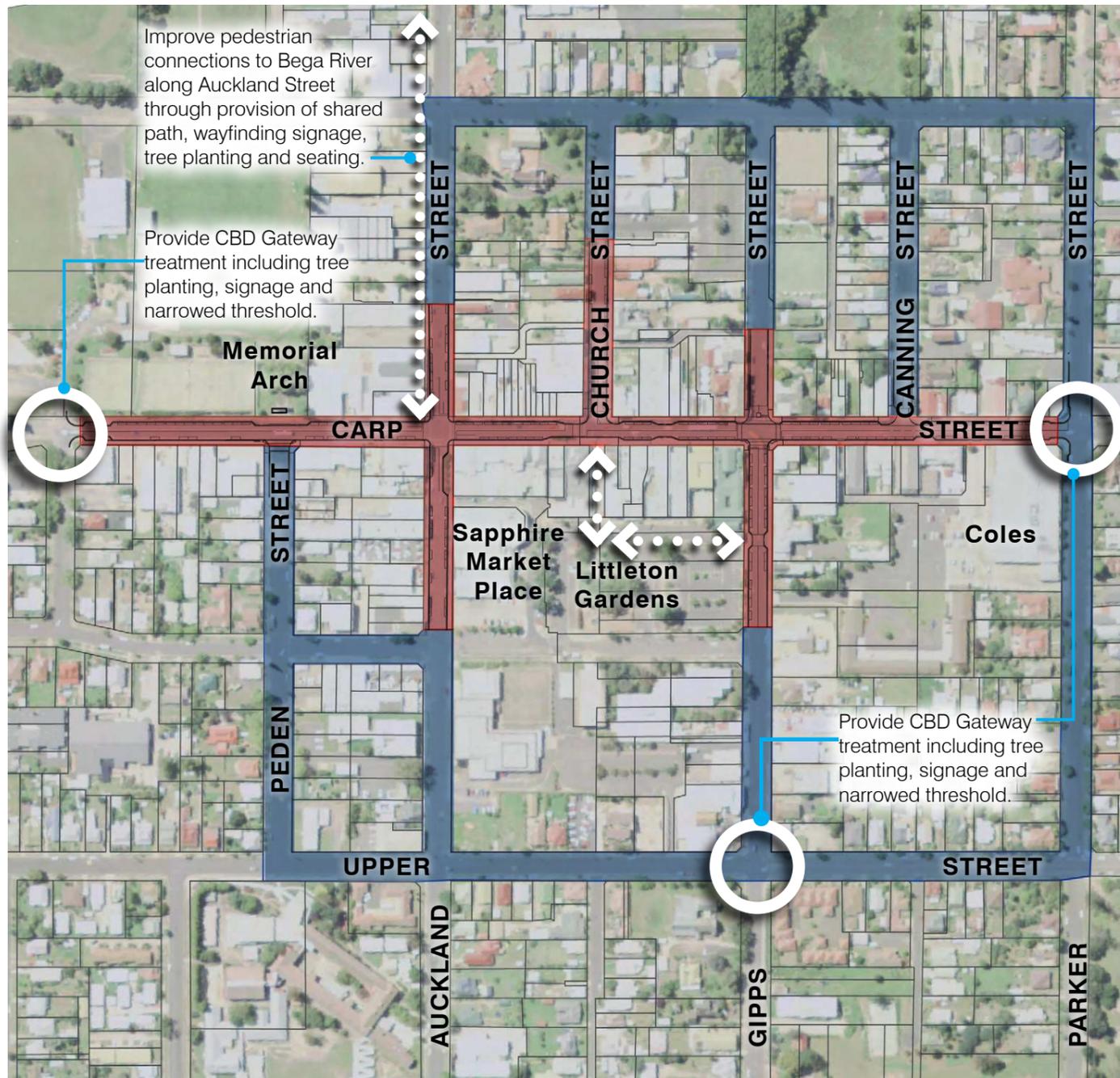


2. Landscape Master Plans

2.1.1 Central Business District Master Plan Study Area



CBD Master Plan Priority 1 Area

CBD Master Plan Priority 2 Area



This Landscape Master Plan...

- 👤

provides comfortable spaces

✓
- 👤

connects and allows animation of the public space

✓
- 💰

enables improved economic activity

✓
- ⚙️

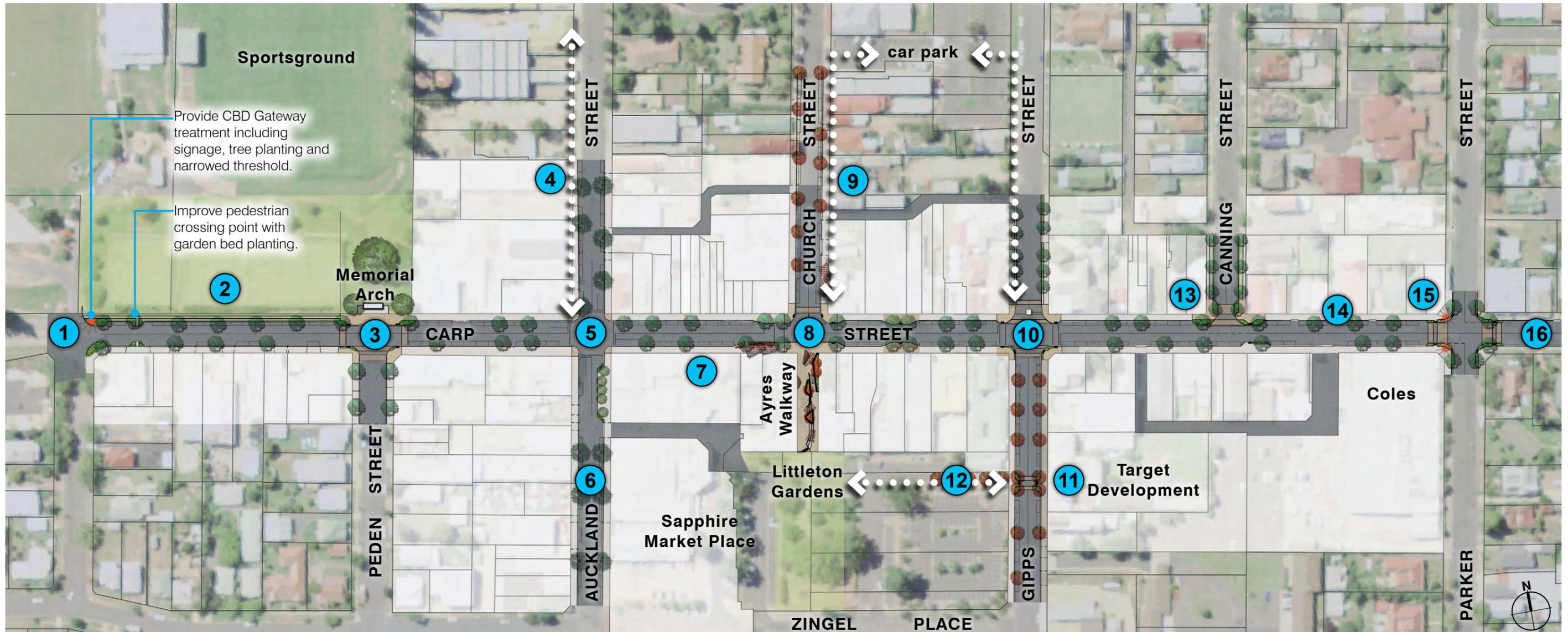
provides for cultural diversity and expression

✓
- ∞

provides robust and sustainable outcomes

✓

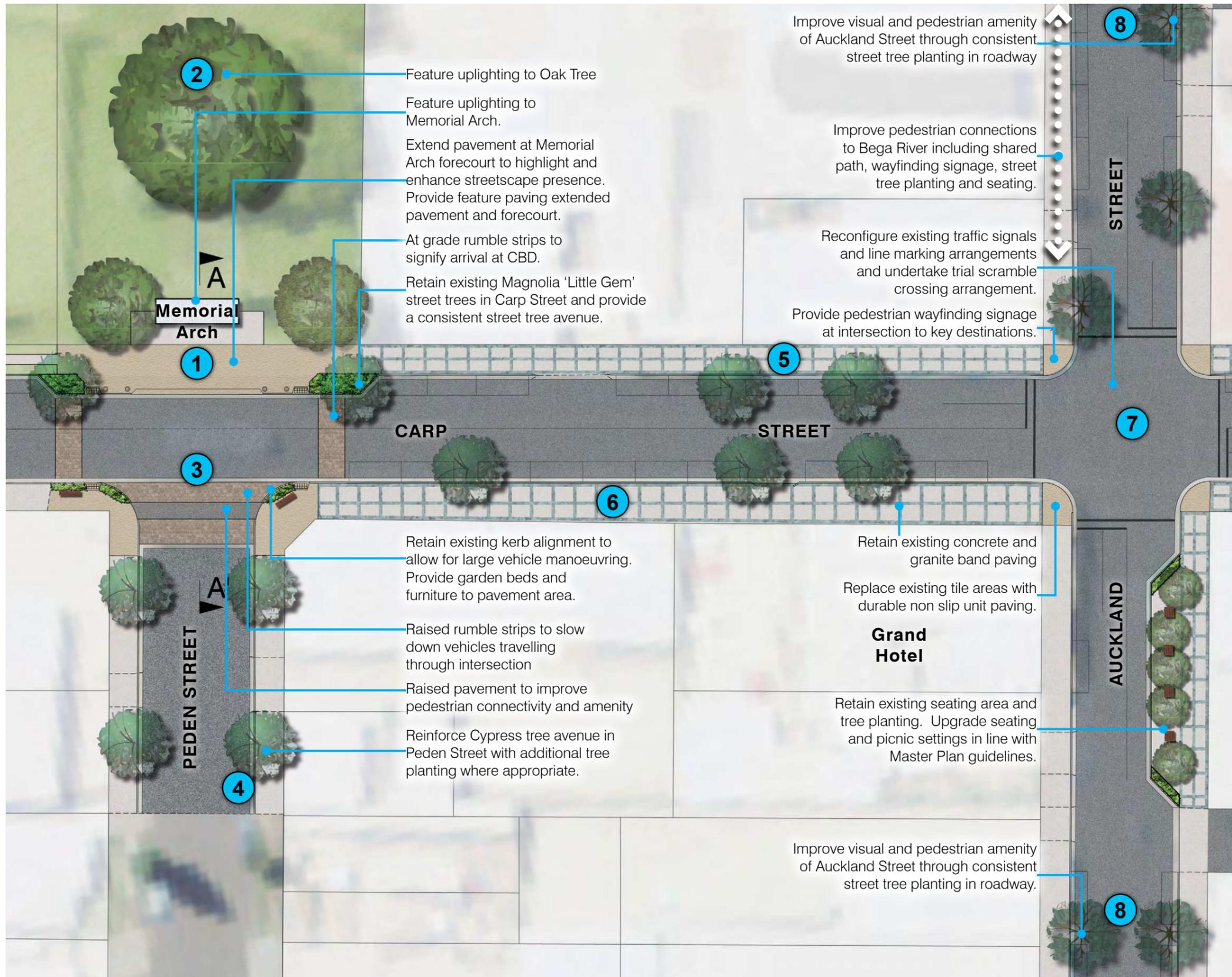
2.1.2 Landscape Master Plan



Recommendations

- 1** • Signify arrival at Bega CBD with Gateway treatment including signage and tree planting.
- 2** • Improve pedestrian and visual amenity of Carp Street through new tree planting adjacent footpath.
- 3** • Refer to Memorial Arch / Peden Street to Auckland Street Precinct Detail Plan.
- 4** • Improve pedestrian connections to Bega River along Auckland Street through provision of shared path, wayfinding signage, tree planting and seating.
- 5** • Refer to Memorial Arch / Peden Street to Auckland Street Precinct Detail Plan.
- 6** • Improve visual and pedestrian amenity in Auckland Street through provision of street tree planting in road way and crossing point for improved safe pedestrian access to Sapphire Market Place.
- 7** • Provide consistent street tree avenue in Carp Street utilising existing tree locations in roadway (parking lane) and both in roadway and paved areas (nature strip) generally utilising tree locations.
- 8** • Refer to Carp Street / Church Street / Ayres Walkway Precinct Detail Plan.
- 9** • Improve visual and pedestrian amenity in Church Street through provision of street tree planting in road way; upgrade paving; provide wayfinding signage to Church Street car park and seating at regular intervals aligned with street tree locations.
- 10** • Refer to Gipps Street / Carp Street Precinct Detail Plan.
- 11** • Refer to Gipps Street crossing Precinct Detail Plan.
- 12** • Improve connections and pedestrian amenity between Littleton Gardens and Gipps Street through pathway connection, tree planting, seating and wayfinding signage.
• Refer to Littleton Gardens Master Plan for other details.
- 13** • Refer to Canning Street / Carp Street Precinct Detail Plan.
- 14** • Provide new tree guards and/or wheel stops to protect trees in planted roadway.
- 15** • Signify arrival at Bega CBD with Gateway treatment including extended pedestrian pavements with narrowed thresholds, at grade rumble strips, feature signage, tree and garden bed planting at Parker Street.
- 16** • Relocate power underground to Priority 1 areas improve visual amenity and allow for canopy tree growth. Funding opportunities and partnerships to be further investigated and considered.

2.1.3 Memorial Arch / Peden Street to Auckland Street Precinct



Legend

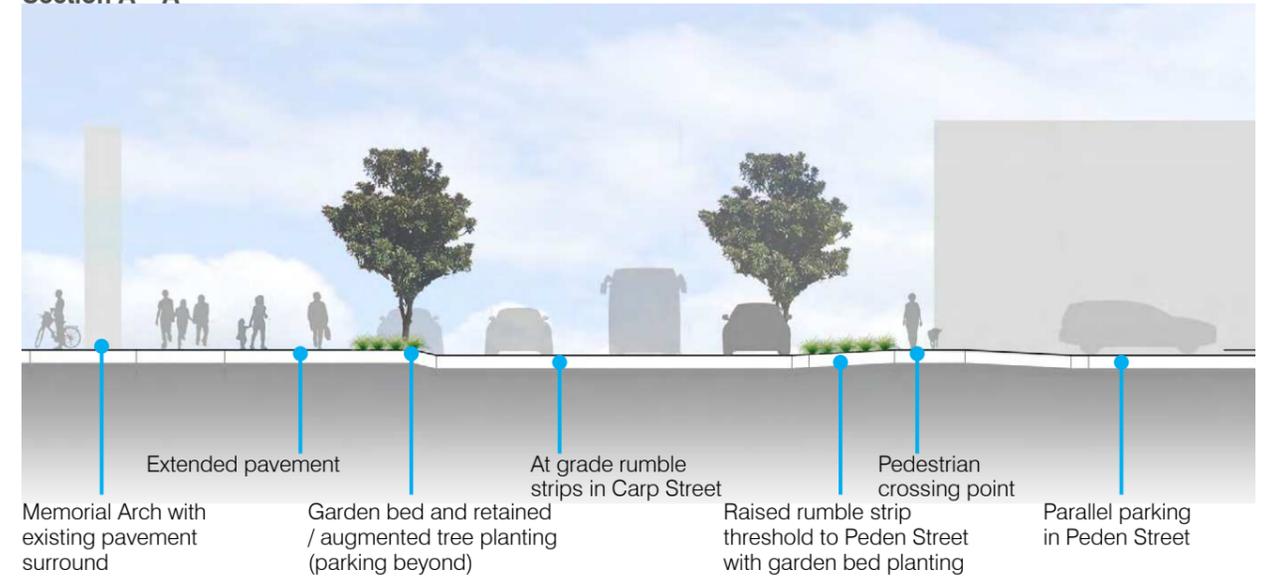
- Existing trees to be retained
- Evergreen trees
- Deciduous trees
- Retained existing concrete and granite band paving
- Plain concrete paving
- New unit paving
- Rumble strip
- Garden beds
- Grass
- Timber bench seat
- Custom timber seating
- Custom shade structure
- Sculpture / Public Art location

Note:
Refer Design Guidelines for details of materials and finishes

Recommendations

- 1** • Enhance and celebrate streetscape presence of Memorial Arch with extended pavement and provide feature paved surface.
- Provide trees, garden beds and limited furniture to extended pavement.
- Highlight night time presence with feature uplighting of Memorial Arch.
- 2** • Provide feature uplighting to existing Oak Tree to activate night time view through Archway.
- 3** • Modify Peden Street / Carp Street intersection to improve access and safety for pedestrians while retaining all existing traffic permissions.
- Retain existing kerb alignments in Carp and Peden Streets to cater for large vehicle maneuvering.
- Provide raised threshold and rumble strip surface in Peden Street to slow down vehicles entering intersection.
- Provide an at grade rumble strip in Carp Street at either side of Memorial Arch to signify arrival in CBD and reduce vehicle speeds.
- Provide garden beds and furniture (seating, bins, bicycle racks, wayfinding signage) to pavements to improve pedestrian amenity.
- Include wayfinding signage to Kisses Lagoon, Skate Park, sports ground, Ayres Walkway and other key destinations.
- Incorporate WSUD to garden beds and tree pits.
- 4** • Retain and reinforce existing Cypress tree avenue in Peden Street with additional tree planting of same species to further accentuate the southern approach to the Memorial Archway.
- 5** • Retain existing Magnolia 'Little Gem' street trees in Carp Street.
- Review existing tree health and structure and replace as required with advanced tree stock.
- Provide consistent street tree avenue in Carp Street generally utilising existing tree locations in roadway (parking lane).
- Provide seating in pavement adjacent street trees.
- 6** • Retain existing Carp Street concrete and granite band paving.
- Replace existing feature tile areas (at seating / tree locations and intersections) with durable non slip unit paving.
- 7** • Reconfigure existing traffic signals and pedestrian crossing arrangements and undertake trial scramble crossing arrangement.
- Provide wayfinding signage at intersection to key destinations including Bega River, Kisses Lagoon and other relevant key destinations.
- 8** • Improve visual and pedestrian amenity in Auckland Street through consistent street tree planting in road way.

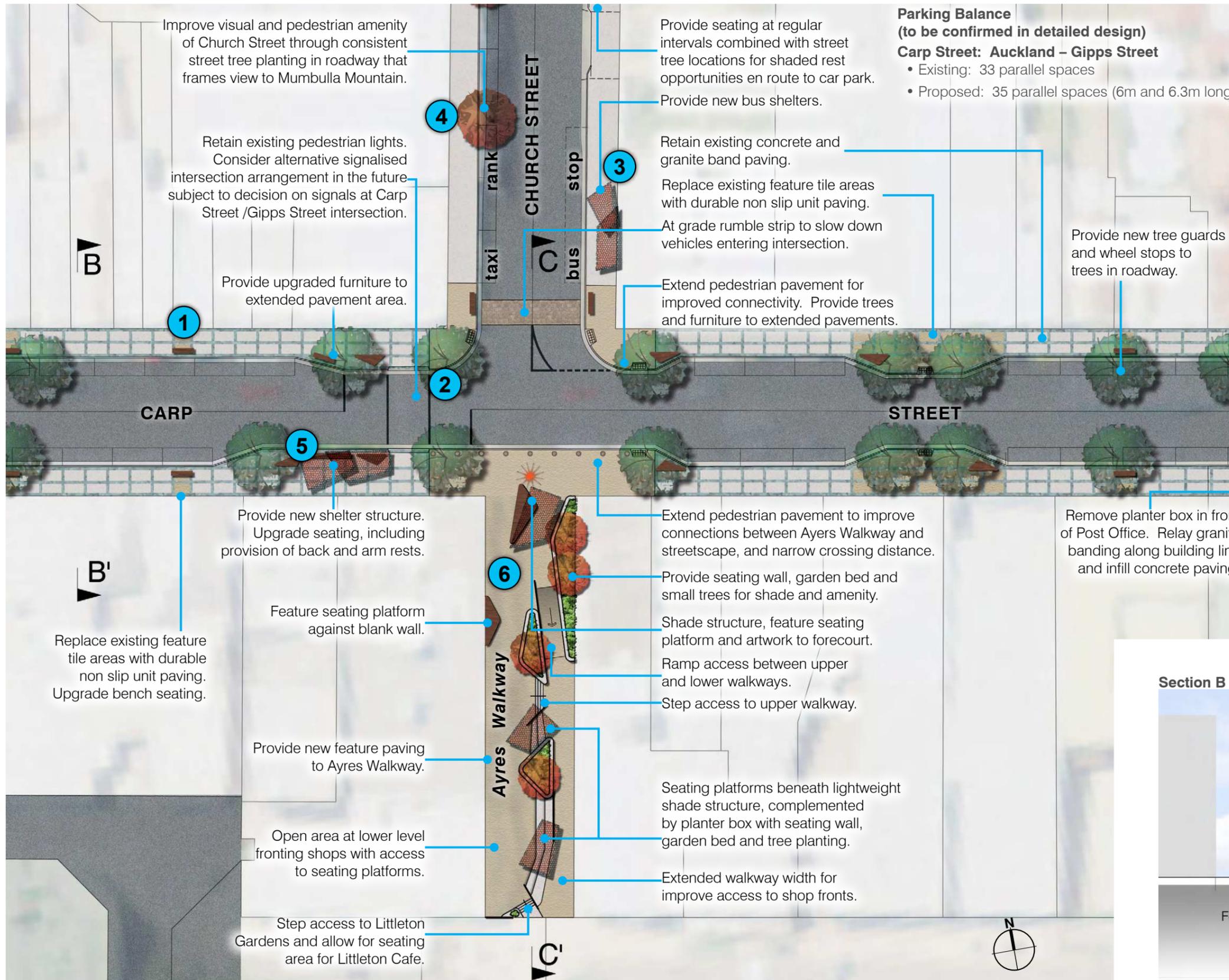
Section A – A'



Urban Elements



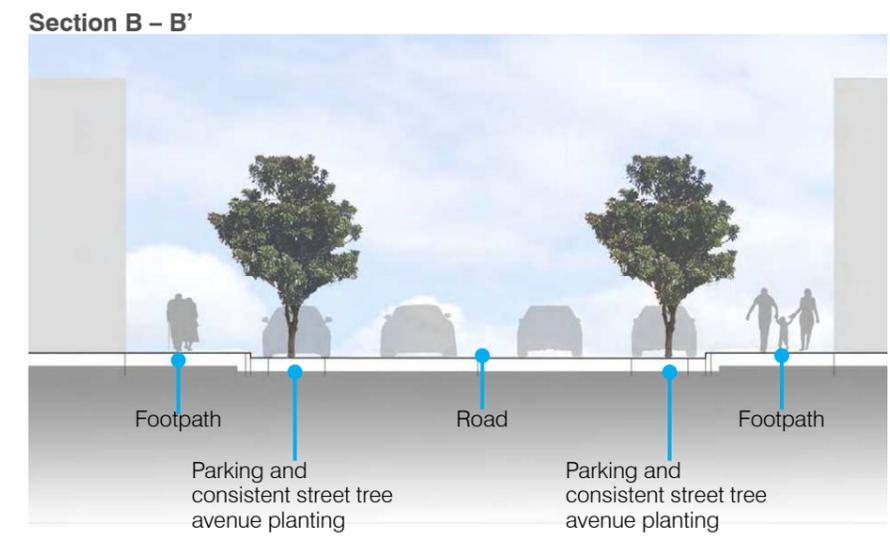
2.1.4 Carp Street – Church Street / Ayres Walkway Precinct



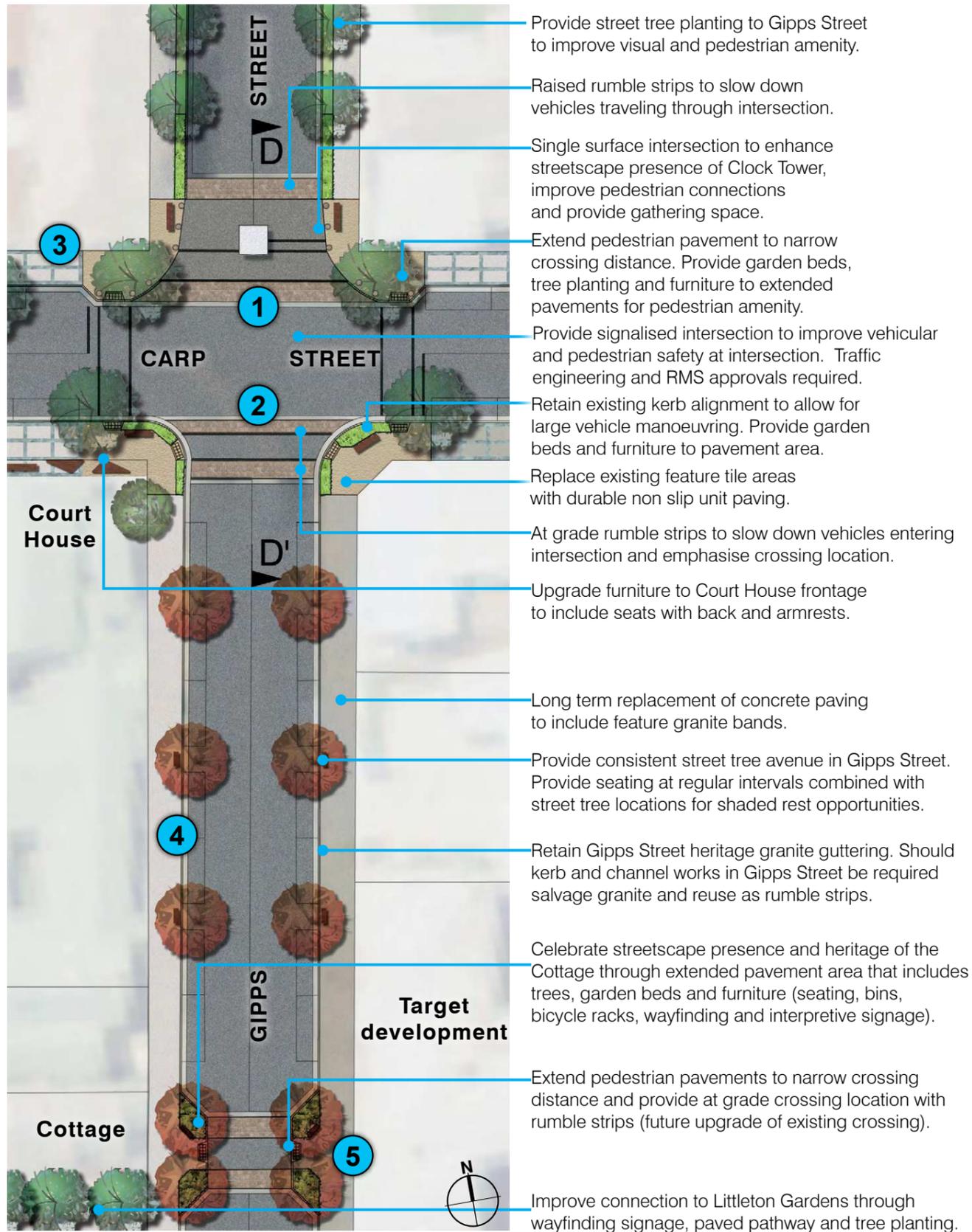
Legend

- Existing trees to be retained
- Evergreen trees
- Deciduous trees
- Retained existing concrete and granite band paving
- Plain concrete paving
- New unit paving
- Rumble strip
- Garden beds
- Grass
- Timber bench seat
- Custom timber seating
- Custom shade structure
- Sculpture / Public Art location

Note:
Refer Design Guidelines for details of materials and finishes



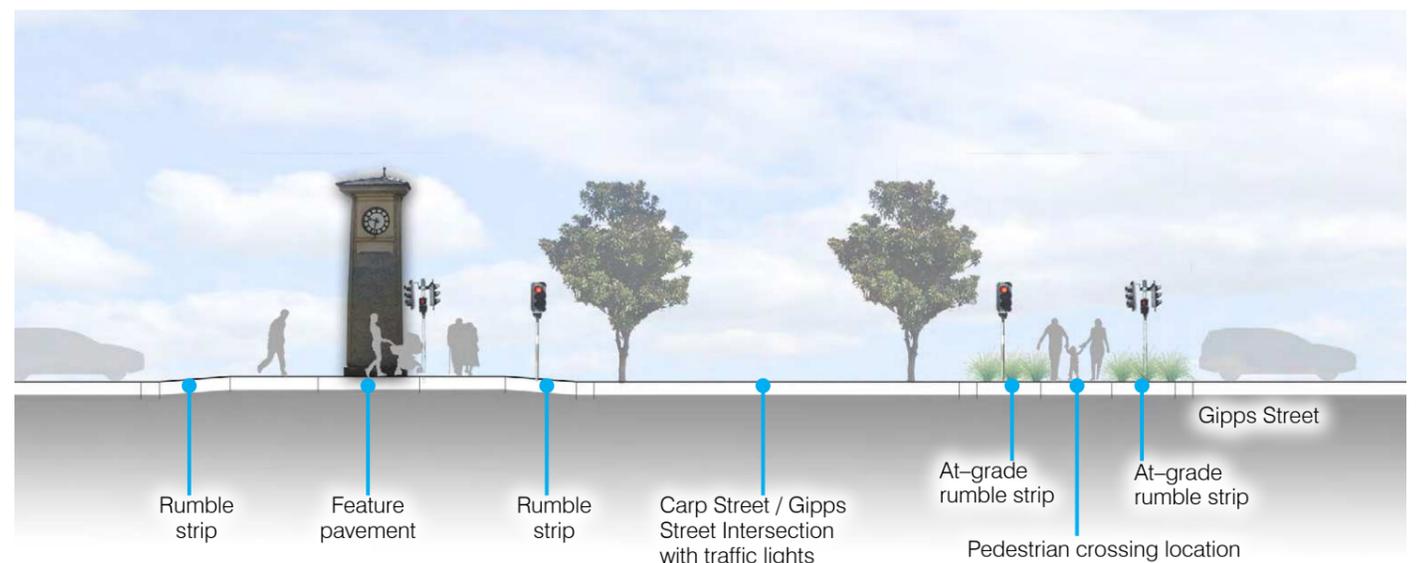
2.1.5 Carp Street – Gipps Street Detail



Legend

- Existing trees to be retained
 - Evergreen trees
 - Deciduous trees
 - Retained existing concrete and granite band paving
 - Plain concrete paving
 - New unit paving
 - Rumble strip
 - Garden beds
 - Grass
 - Timber bench seat
 - Custom timber seating
 - Custom shade structure
 - Sculpture / Public Art location
- Note:
Refer Design Guidelines for details of materials and finishes

Section D – D'



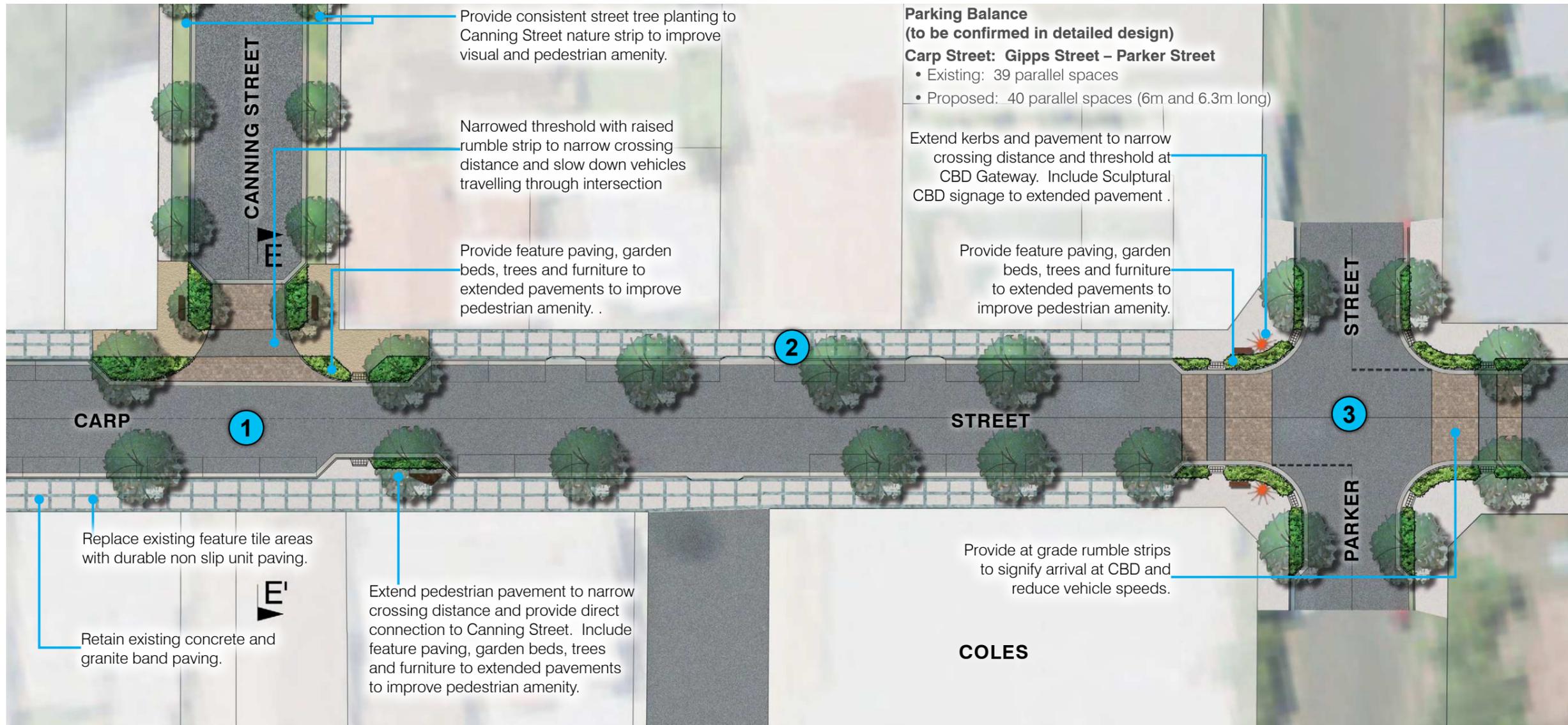
Recommendations

- 1** • **This Plan recommends the installation of traffic lights at Carp Street / Gipps Street intersection.**
 - Enhance and celebrate Clock Tower heritage landmark and its setting in the streetscape through intersection modifications.
 - Provide extended pedestrian pavements to north side of Carp Street to narrow crossing distances across Carp Street.
 - Provide single level footpath and road surface either side of Clock Tower with durable feature paving surface to improve pedestrian access and connectivity.
 - Provide rumble strips to slow down vehicles through intersection.
 - Provide feature lighting to Clock Tower to celebrate night time presence of landmark.
 - Cater for required large vehicle turning movements in design of pavement extensions.
 - Provide trees, garden beds and furniture (seating, bins, bicycle racks, wayfinding signage) to extended pavements to provide gathering spaces and improve pedestrian amenity.
 - Incorporate WSUD into garden beds and tree pits.
- 2** • Retain existing kerb alignment on south side of Carp Street to cater for large vehicle maneuvering.
 - Provide at grade rumble strips to slow down vehicles traveling through intersection
 - Provide durable feature surface finish between kerb ramps to emphasise pedestrian crossing location.
 - Upgrade furniture to Court House frontage for improved seating arrangements including seats with back and armrests.
 - Provide trees, garden beds and furniture (seating, bins, bicycle racks, wayfinding signage) to pavements to provide gathering spaces and improve pedestrian amenity.
 - Incorporate WSUD to garden beds and tree pits.
- 3** • Retain existing Carp Street concrete and granite band paving.
 - Replace existing feature tile areas (at seating / tree locations and intersections) with durable non slip paving.
- 4** • Provide consistent street tree avenue in Gipps Street with tree planting in road way. Provide seating at regular intervals combined with street tree locations for shaded rest opportunities.
 - Tree species selection to frame view to Clock Tower and vista to Mount Mumbulla.
 - Long term replacement of concrete paving to include feature granite bands along back of kerb and building line with perpendicular bands at regular intervals.
- 5** • Extend pedestrian pavements on Gipps Street to narrow crossing distance and provide at grade crossing location with rumble strips.
 - Align crossing to provide direct connection with Littleton Gardens and to also celebrate and highlight heritage of Cottage and its streetscape presence.
 - Provide trees, garden beds and furniture (seating, bins, bicycle racks, wayfinding signage) to extended pavements to provide gathering spaces and improve pedestrian amenity.

Urban Elements



2.1.6 Carp Street – Canning Street to Parker Street Precinct

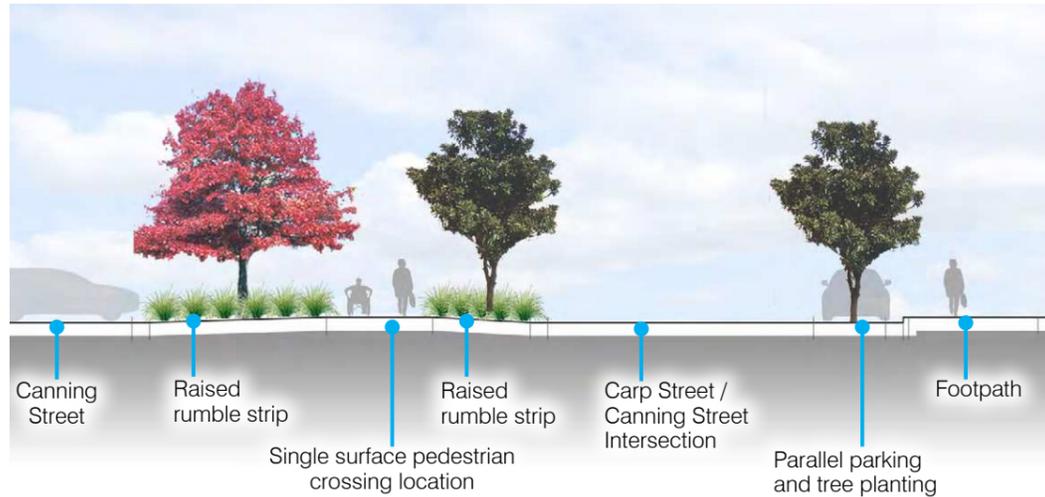


Legend

- | | | | |
|--|--|--|---------------------------------|
| | Existing trees to be retained | | Rumble strip |
| | Evergreen trees | | Garden beds |
| | Deciduous trees | | Grass |
| | Retained existing concrete and granite band paving | | Timber bench seat |
| | Plain concrete paving | | Custom timber seating |
| | New unit paving | | Custom shade structure |
| | | | Sculpture / Public Art location |

Note:
Refer Design Guidelines for details of materials and finishes

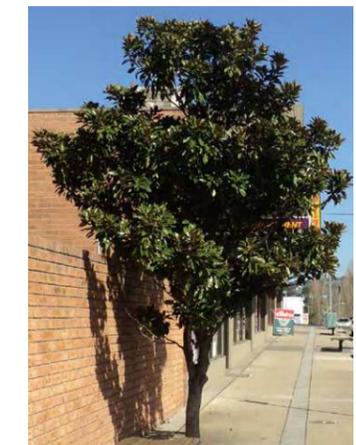
Section E – E'



Recommendations

- 1 • Intersection modified to improve access and safety for pedestrians while retaining all existing traffic permissions.
 - Extend pedestrian pavements on Carp and Canning Streets (north side) to narrow crossing distance
 - Extend pedestrian pavement on Carp Street (south side) to narrow crossing distance and provide direct connection to Canning Street (requires removal of two car spaces).
 - Provide raised road threshold with rumble strips to slow down vehicles traveling through intersection.
 - Cater for required large vehicle turning movements in design of pavement extensions.
 - Provide trees, garden beds and furniture (seating, bins, bicycle racks, wayfinding signage) to extended pavements to provide gathering spaces and improve pedestrian amenity.
 - Incorporate WSUD into garden beds and tree pits.
- 2 • Provide consistent street tree avenue in Carp Street utilising existing tree locations in roadway (parking lane).
- 3 • Signify arrival at Bega CBD with Gateway treatment including extended pedestrian pavements, narrowed threshold, CBD signage, furniture, tree and garden bed planting.
 - Extend pedestrian pavements on Carp and Parker Streets to narrow crossing distance.
 - Provide at grade rumble strips in Carp Street to signify arrival at CBD and reduce vehicle speeds.
 - Cater for required large vehicle turning movements in design of pavement extensions.
 - Provide feature paved surface with CBD entry feature such as signage or sculptural element.
 - Incorporate WSUD into garden beds and tree pits.

Urban Elements



These Design Guidelines are intended to supplement and be used with the Landscape Master Plans and cover Priority 1 and Priority 2 areas.

The Design Guidelines inform the Landscape Master Plans and deal with the components of Bega CBD in terms of

- Aims – including brief rationale
- Materials – including specific or general descriptions
- Implementation – including methodologies

The Design Guidelines are supplemented by typical images in order to convey specific features, textures and colours but are not construction specifications.

Bega's Design Guidelines aim to:

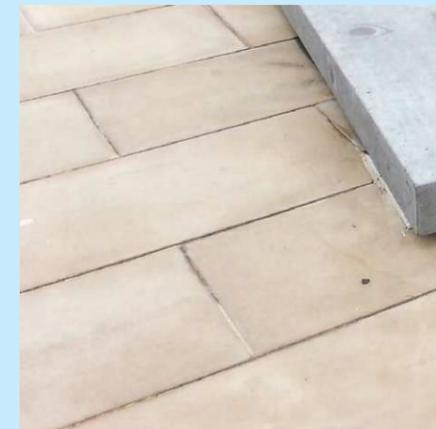
- Enhance Bega's status as a recognised Regional Centre as supported by the NSW South Coast Regional Strategy.
- Capture the advantage of Bega's hinterland and agricultural character with views and vistas to mountains, undulating landscape with a mix of native and exotic trees.
- Reflect the natural setting of Bega through a suite of materials and finishes that complement the landscape setting and provide high quality urban elements.
- Establish a unified and cohesive urban realm character that complements existing features and finishes while providing high quality and contemporary design features.

Note

- It is anticipated that construction specifications will require confirmation prior to further design and implementation work.
- Suppliers and installers are to be identified on the basis of ability to conform to specifications.
- Works will be installed by specialists to appropriate specifications in order to ensure safety (no movement) and longevity.
- All works to meet relevant Australian Standards.

2.2.1 Colour

	Priority 1 and 2 Areas
Aims	<ul style="list-style-type: none"> • Distinguish Bega with a restrained public element colour theme that is reflective of the natural environment and primarily manifests itself in paving and in street furniture. • Colours will generally be neutral tones and subtle in their impact. • Colour will include paving colours and unpainted but well finished bare metal and timber finishes of furniture (refer elsewhere for details). • Private and public buildings, limited public signage, public art and commercial activities, subject to appropriate design and approvals, will provide the key colour elements of Bega CBD. • Colour and seasonal variation will be also provided through consistent street tree and garden bed planting.
Materials	<ul style="list-style-type: none"> • Paving and furniture materials and finishes will retain their intended colour and finish over acceptable life-cycles. • Paving materials will be in shades of grey and stone. • Furniture metals will consist of unpainted stainless steel, galvanised steel or cast aluminium. • Furniture timber will remain unpainted. • Other metal elements such as blade walls and shelters will include corten steel, stainless steel or powder coated steel. • Feature colour elements in powder coated steel may be included in Ayres Walkway detailed design for shelters and blade walls. • Bare timbers for feature elements will ideally be locally sourced from sustainable sources.
Implementation	<ul style="list-style-type: none"> • Bega's CBD colour theme will be largely achieved through continuity of materials and finishes carried out in line with the Design Guidelines. • This will be accomplished through staged paving and furniture replacement programs.



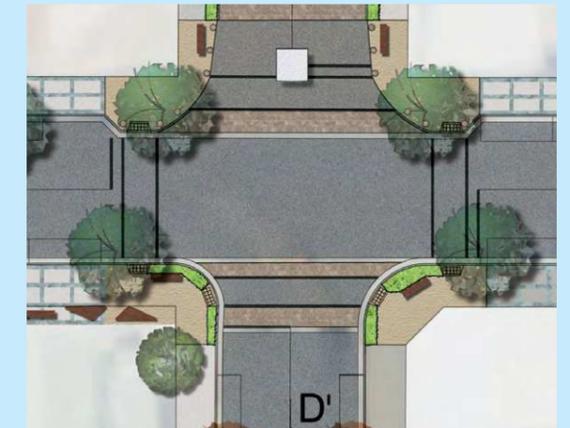
2.2.2 CBD Gateways

	Priority 1 and 2 Areas
Aims	<ul style="list-style-type: none"> • Distinguish Bega CBD through unique Gateway treatments at key entries to the CBD Precinct (refer Landscape Master Plans for locations). • Gateway treatments will be consistent across the identified CBD Gateways. • CBD Gateway signage will be appropriately commissioned design and fabrication of sculptural signage. • Illuminate Gateway treatment through decorative and ambient lighting to signify Gateway at night.
Materials	<ul style="list-style-type: none"> • Purpose designed sculptural and informative 'Bega CBD' entry signage. • Design signage that is a contemporary adaptation of the Bega art deco style and includes vertical elements and illumination. • The materials and form of Gateway signage will include finishes and materials in keeping with Bega Design Guidelines and may include corten steel, stainless steel, coloured powder coated steel, timber, perforated metal or an appropriate combination. • Sculptural Gateway signage design and fabrication will be determined by the artist in response to location and brief and should convey an impression of professionalism and excellence. • Gateway signage must be of a robustness appropriate to location. • Include garden bed and tree planting in Gateway treatment detailed design.
Implementation	<ul style="list-style-type: none"> • CBD Gateway treatments will be commissioned, selected and managed by an appropriately constituted Council and community panel with access to relevant professional advice. • Installation of Gateway treatments must be in accordance with design plans that take into account desirable position, numbers of elements and fixing and foundation aspects in relation to paving, power supply and underground / overhead service locations.



2.2.3 Extended pedestrian pavements (kerb outstands)

	Priority 1 Area	Priority 2 Area
Aims	<ul style="list-style-type: none"> Extended pedestrian pavements (kerb outstands) include extensive areas where kerbs extend to narrow pedestrian crossing distances and provide key pedestrian pavement areas for informal community gathering spaces. Kerb outstands will be added at selected intersections and key crossing locations to provide better pedestrian safety and connectivity by shortening pedestrian crossing distances. Locations are at intersecting side streets, main intersections and mid block vehicle threshold crossing points. Specific parts of Bega's CBD Priority 1 Area are recognised as places that, by virtue of their location, have a particular requirement to allow pedestrian movement, informal gathering, meeting and observation. 	<ul style="list-style-type: none"> Priority 2 Area intersecting side streets and main intersections will be improved over time to increase pedestrian safety and amenity, while maintaining existing traffic permissions.
Materials	<ul style="list-style-type: none"> Extended pedestrian pavement areas will be paved and lit in accordance with Bega paving guidelines. Furniture will be provided in accordance with Bega furniture guidelines. Furniture locations will be at the peripheries of extended pavements and include provision of flexible seating opportunities, informal sitting, waiting and observing. Paving, furniture, tree planting and garden beds will follow the layout and themes as described in the Landscape Master Plan and Design Guidelines. Incorporate Public Art to kerb outstands as described in the Landscape Master Plan and Design Guidelines. Plain concrete kerb and channels to Council standards. 	<ul style="list-style-type: none"> Paving will be in accordance with Priority 2 Area paving guidelines. Furniture will be in accordance with Priority 2 Area furniture guidelines. Garden bed and tree planting will be in accordance with Priority 2 Area garden bed and tree planting guidelines.
Implementation	<ul style="list-style-type: none"> Further traffic engineering assessment is needed for locations where extended pedestrian pavements are identified to cater for required large vehicle turning movements. Consultation and liaison with RMS as required. Kerb outstands should preferably be constructed on a block by block basis in conjunction with paving, garden beds, tree planting and other works described in the Landscape Master Plan and Design Guidelines. 	<ul style="list-style-type: none"> Implementation in line with Priority 1 Area Guidelines.



2.2.4 Tree Planting

	<p>Priority 1 Area</p>
<p>Aims</p>	<ul style="list-style-type: none"> • Provide seasonal variation and enhance the character of Bega. • Provide a single, signature deciduous street tree in Carp Street either in road or in footpath pavements. • Distinguish intersecting streets and spaces with uniform plantings of different species. • Ensure longevity and reduce maintenance obligations by providing appropriate sub surface growing conditions and appropriate surface and above surface treatments. • Incorporate WSUD into tree planting designs wherever feasible. • Trees will be provided with an adequate supply of loose, well aerated, moist and uncompacted soil to allow the tree's roots to obtain nutrients, oxygen and water – which are essential for healthy tree growth. • Trees will be protected with bollards and tree grates. Bollards for trees in roadway are to be sub surface mounted and of a strength to resist low impact movement.
<p>Materials</p>	<p>Carp Street</p> <ul style="list-style-type: none"> • Southern Magnolia <i>Magnolia grandiflora</i> 'Little Gem' • planted in roadway and pavement <p>Auckland Street</p> <ul style="list-style-type: none"> • Native Frangipani <i>Hymenosporum flavum</i> • planted in roadway <p>Church Street</p> <ul style="list-style-type: none"> • White Ash <i>Fraxinus americana</i> • planted in roadway <p>Gipps Street</p> <ul style="list-style-type: none"> • South of Carp Street – • Pin Oak <i>Quercus palustris</i> planted in roadway • North of Carp Street – • Upright Pin Oak <i>Quercus palustris</i> 'Green Pillar' planted in nature strip <p>Ayres Walkway</p> <ul style="list-style-type: none"> • Crepe Myrtle <i>Lagerstroemia indica</i> x <i>L. fauriei</i> 'Zuni'
<p>Implementation</p>	<ul style="list-style-type: none"> • Planning and execution of street tree planting will require integration into Council's road management and maintenance, and liaison with RMS. • Installation of trees will be with appropriate systems for root management, sub surface soil volumes, structural soil components, aeration, irrigation and above ground surface grille and vertical guards. • Trees in roadway pavements are to be installed with structural root cells (eg Strata Cell by Citygreen). These are modular units that assemble to form a skeletal matrix, situated below pavement level, to support the pavement load while providing a large volume of uncompacted soil within the matrix structure for root growth. • Tree planting specifications are to be established and integrated into future detailed design.

Street Tree images



Southern Magnolia
Magnolia grandiflora 'Little Gem'



Native Frangipani
Hymenosporum flavum



White Ash
Fraxinus americana



Upright Pin Oak
Quercus palustris 'Green Pillar'



Crepe Myrtle
Lagerstroemia indica x *L. fauriei* 'Zuni'



Pin Oak
Quercus palustris

	Priority 2 Area
Aims	<ul style="list-style-type: none"> • Aims in line with Priority 1 area.
Materials	<p>Peden Street</p> <ul style="list-style-type: none"> • Cypress <i>Cupressus sempervirens var stricta</i> <ul style="list-style-type: none"> • planted in nature strip <p>Hill Street</p> <ul style="list-style-type: none"> • Lipstick Maple <i>Acer rubrum</i> 'Fairview Flame' <ul style="list-style-type: none"> • planted in nature strip <p>Auckland Street</p> <ul style="list-style-type: none"> • Continuation of Priority 1 area treatment <p>Church Street</p> <ul style="list-style-type: none"> • Continuation of Priority 1 area treatment <p>Gipps Street</p> <ul style="list-style-type: none"> • South of Carp Street – <ul style="list-style-type: none"> • Continuation of Priority 1 area treatment • North of Carp Street – <ul style="list-style-type: none"> • Continuation of Priority 1 area treatment <p>Canning Street</p> <ul style="list-style-type: none"> • Tupelo <i>Nyssa sylvatica</i> 'Forum' <ul style="list-style-type: none"> • planted in nature strip <p>Parker Street</p> <ul style="list-style-type: none"> • Upright Oak <i>Quercus robur f. fastigiata</i> <ul style="list-style-type: none"> • planted in roadway <p>Upper Street</p> <ul style="list-style-type: none"> • Chinese Elm <i>Ulmus parvifolia</i> 'Todd' <ul style="list-style-type: none"> • planted in nature strip <p>Bega Street</p> <ul style="list-style-type: none"> • Chinese Elm <i>Ulmus parvifolia</i> 'Todd' <ul style="list-style-type: none"> • planted in road way
Implementation	<ul style="list-style-type: none"> • Implementation in line with Priority 1 Area Guidelines.

Street Tree images



Cypress
Cupressus sempervirens var stricta



Tupelo
Nyssa sylvatica 'Forum'



Ulmus parvifolia 'Todd'



Southern Magnolia
Magnolia grandiflora 'Little Gem'



Native Frangipani
Hymenosporum flavum



White Ash
Fraxinus americana

2.2.5 Garden Beds

	Priority 1 and 2 Areas
Aims	<ul style="list-style-type: none"> • Garden beds will be an important feature of Bega's CBD and will be constructed in extended pavement areas and Ayres Walkway. • Incorporate Water Sensitive Urban Design (WSUD) into garden bed works. Where ever feasible, garden beds will be rain gardens which will reduce the flow of suspended solids, nutrients and pollutants from the road pavement and into receiving waterways. • The layout of new garden beds will complement pedestrian movement, footpath activity, and appropriate separation between pedestrians and vehicles. In Ayres Walkway garden beds will also provide informal and formalised wall top seating opportunities. • Planting will provide visual impact and will incorporate tree planting where practical. • Planting will recognise the environmental and sustainability objectives of Bega Valley Shire.
Materials	<ul style="list-style-type: none"> • Provision of rain gardens in accordance with best practice. • Mass planting of indigenous / native grasses, small shrubs, tufting plants and ground covers. • Plant materials will be drought tolerant and low maintenance. They will be ornamental in form, colour and texture. • Include irrigation to garden beds for a two summer plant establishment period. Acknowledge that irrigation systems may be decommissioned after establishment period and therefore be designed accordingly. • In rain gardens ensure species are chosen for WSUD compatibility. • Locally sourced mulch that meets approved specifications.
Implementation	<ul style="list-style-type: none"> • These works can only be carried out in accordance with a developed and approved WSUD plan for Bega's CBD. • Garden bed related research, design and implementation are to be integrated into future detailed design.

Garden bed examples



Grevillea species



Gynea Lily



Lomandra 'Tanika'



Dianella 'Cassa Blue'



Rain garden planting



Dianella species

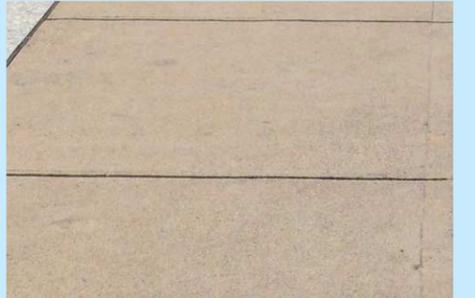
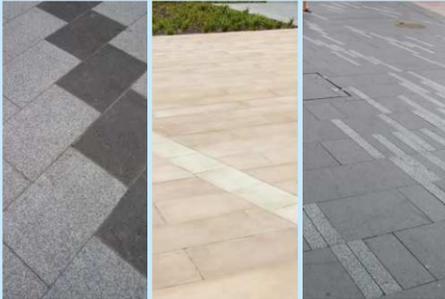
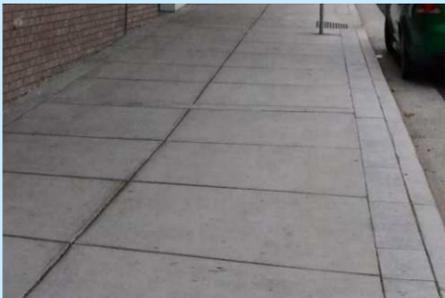


Tussock grass species



Coastal Rosemary

2.2.6 Paving

	Priority 1 Area	Priority 1 Urban Elements	Priority 2 Area	Priority 2 Urban Elements
Aims	<ul style="list-style-type: none"> • Provide consistent recognisable pedestrian paving styles throughout Bega CBD. • Paving will be durable with slip resistant classification that meets Australian Standards. • Pedestrian paving colours with Tactile Surface Ground Indicators will allow for sufficient tonal variation necessary to guide visually impaired pedestrians and meet Australian Standards. 	 <p>Paving Type P1-1</p>	<ul style="list-style-type: none"> • Aims in line with Priority 1 area. 	 <p>Paving Type P2-1</p>
Materials	<p>Type P1-1</p> <ul style="list-style-type: none"> • Signature paving will be retention of plain grey concrete and feature granite bands in a grid pattern parallel to the building and kerb line with bands along building line, centrally in footpath and back of kerb (as per existing paving). <p>Type P1-2</p> <ul style="list-style-type: none"> • Feature paving to replace existing tile paving will be 800 x 400 pre-cast concrete pavers in natural stone colour with shot blast or honed finish (or equal and approved product). <p>Type P1-3</p> <ul style="list-style-type: none"> • Ayres Walkway paving will be a combination of 800 x 400 and 400 x 400 pre-cast stone or concrete pavers in natural stone colour and tones of grey in shot blast or honed finish with feature granite banding (or equal and approved products). • Unit paving layout and feature banding subject to detailed design. <p>Type P1-4</p> <ul style="list-style-type: none"> • Footpath paving will be natural grey plain concrete with broom finish. • Saw cuts and expansion joints at regular intervals and perpendicular to route of travel. • Feature granite bands in grid pattern along back of kerb and building line with perpendicular feature bands at regular intervals. 	 <p>Paving Type P1-2 example</p>  <p>Paving Type P1-3 example</p>	<p>Type P2-1</p> <ul style="list-style-type: none"> • Footpath paving will be natural grey plain concrete with broom finish • Saw cuts and expansion joints at regular intervals and perpendicular to route of travel <p>Type P2-2</p> <ul style="list-style-type: none"> • Feature paving to replace existing tile paving will be 800 x 400 pre-cast concrete pavers in natural stone colour with shot blast or honed finish (or equal and approved product). <p>Type P2-3</p> <ul style="list-style-type: none"> • Footpath paving will be natural grey plain concrete with broom finish. • Saw cuts and expansion joints at regular intervals and perpendicular to route of travel. • Feature granite bands in grid pattern along back of kerb and building line with perpendicular feature bands at regular intervals. 	 <p>Paving Type P2-2 example</p>  <p>Paving Type P2-3 example</p>
Implementation	<ul style="list-style-type: none"> • Review paver and laying specifications prior to further implementation in order to confirm desired paver strength, thickness, colour and finish appropriate to expected pedestrian and vehicle traffic. • Paving will be bedded on prepared sub-base to an appropriately engineered laying specification that allows for vehicle use where required. • Installation of paving must be in accordance with detailed design plans. • Works will be installed by specialists to appropriate specifications in order to ensure safety (no movement) and longevity. 	 <p>Paving Type P1-4 example</p>	<ul style="list-style-type: none"> • Implementation in line with Priority 1 Area Guidelines 	

2.2.7 Furniture

<p>Aims</p>	<p>Priority 1 Area</p> <ul style="list-style-type: none"> • Bega CBD will be distinguished by a cohesive and consistent street furniture theme. • Elements commonly described as 'street furniture' include seating, bins, bollards, bicycle racks, water filling stations, tree grilles and barriers. • Street furniture design and placement will be in line with the Landscape Master Plan recommendations and subject to further detailed design. • Ensure furniture placement allows for freedom of pedestrian circulation and provides for formal and informal seating within extended pavement areas and Ayres Walkway. • Street furniture elements will distinguish Bega's CBD as high quality public realm. • Street furniture elements will be a combination of custom designed and fabricated items and proprietary items. • Custom designed furniture will be of durable contemporary design and will make reference to Bega's art deco style. Custom furniture will be manufactured by commercial street furniture manufacturer. • Proprietary items will be selected from commercial manufacturers and chosen on the basis that the items will be in keeping with Bega Valley Shire standards and harmonise in the street to form a recognisable family of durable contemporary designs. • Street furniture will primarily feature stainless steel, galvanised steel or other metals (refer also 'Colour') with unpainted seat timbers from sustainable sources. 	<p>Priority 1 Area Elements</p>  <p>Timber seat and bench combination example</p>  <p>Timber seat example</p>  <p>Timber bench example</p>  <p>Timber seating on wall example</p>	<p>Priority 2 Area</p> <ul style="list-style-type: none"> • Priority 2 Areas will contribute to distinguishing Bega's CBD with a cohesive and consistent street furniture theme. • Street furniture and placement will be in line with the Landscape Master Plan and Design Guidelines. • Street furniture elements will be proprietary items and selected from commercial manufacturers and chosen on the basis that the items will be in keeping with Bega Valley Shire standards and harmonise in the street to form a recognisable family of durable contemporary designs. 	<p>Priority 2 Area Elements</p>
<p>Materials</p>	<p>Seating</p> <ul style="list-style-type: none"> • Custom designed and fabricated seating will include: <ul style="list-style-type: none"> • contemporary design and detailing that makes reference to the art deco style is both inviting and engaging • seating platforms with timber battens • long benches with timber battens, with sections that provide back and arm rests • timber battens fixed to concrete or metal plinth • timber battens fixed to garden retaining walls in Ayres Walkway • timber will be from sustainable sources and ideally locally sourced • feature LED button or strip lighting • Free standing seats will be designed and fabricated to match custom furniture. 	<p>Seating</p> <ul style="list-style-type: none"> • Free standing seats will match those installed in Littleton Gardens. • Confirm supplier / product 		 <p>Free standing seat</p>

Materials

Priority 1 and 2 Areas

Bin surrounds

- Bin surrounds will be stainless steel wheeled bin enclosures to suit 120l bin with rain protection and perforated side panels.
- Bin surrounds will be similar to recently installed bins in Littleton Gardens, however side panels shall be perforated with Bega CBD branding (to future detail).
- Bins should generally be located at kerb outstands, adjacent commercial areas and within appropriate vicinity of public and community facilities.

Bollards

- Bollards will be 316 stainless steel dome headed with polished aluminium double collar, with in ground mount and / or pavement socket and spigot with stainless steel cap.

Bicycle racks

- Bicycle racks will be U shape semi bike hoop in stainless steel.

Drinking Fountains

- Arqua drinking fountain in stainless steel installed at key locations along the street only (in kerb outstands).

Handrails and Balustrades

- Handrails will be tubular stainless steel with minimal vertical bars.
- Balustrades will include tensile stainless steel cables.

Tree Grates

- City green Dura Plate 'Praxis' in stainless steel or marine grade aluminium.
- Custom vertical steel tree guards in combination with wheel stops (subject to detailed design)

Pedestrian light fittings

- Refer 'Lighting'

Implementation

- A staged furniture installation and replacement program should be implemented in line with repaving, garden bed construction and other work.
- Installation of street furniture must be in accordance with detailed design plans that take account not only of desirable positions and numbers of elements but also fixing and foundation aspects in relation to paving and underground services.
- Street furniture will be located at kerb outstands / extended pedestrian pavements, adjacent commercial areas and within appropriate vicinity of public and community facilities.
- Bins will be located at appropriate key points for ease of pedestrian access and garbage collection, and out of pedestrian travel zones.

Priority 1 and 2 Areas Furniture Elements



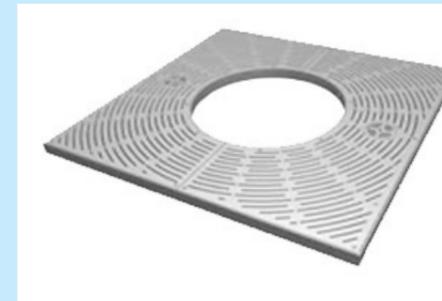
Bollard



Bicycle hoop



Drinking fountain



Tree grate



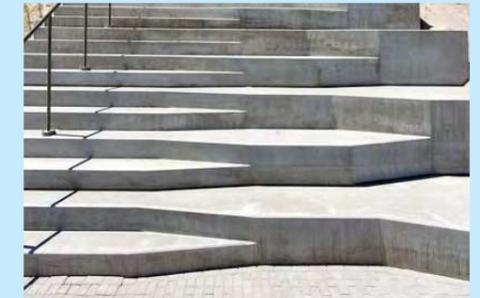
Bin surround example Custom panels



Handrail examples

2.2.8 Walls and Steps

	Priority 1 Area	Priority 2 Area
Aims	<ul style="list-style-type: none"> Retaining walls, steps and seating platforms will be used in Bega to cater for grade changes and provide feature landscape elements. These elements will primarily be included in Ayres Walkway and allow direct connections between the lower and upper shop fronts, and provide direct access to Littleton Gardens. Retaining walls will provide appropriate space for raised garden beds and tree planting. Retaining walls, steps and seating platforms will <ul style="list-style-type: none"> provide for formal and informal seating opportunities. be located and designed to allow pedestrian movement, informal gathering, meeting and observation. Include feature illumination to achieve both decorative and ambient lighting levels without energy inefficiencies (refer 'Lighting'). Feature steel blade retaining walls will also be included in Ayres Walkway design alongside the ramp and between steps and seating platforms. Low retaining walls will also be used in extended pedestrian pavements (where required such as Gipps Street) to cater for grade changes and incorporate WSUD. 	<ul style="list-style-type: none"> Retaining walls will be used in Priority 2 areas where any extended pedestrian pavements are required to cater for grade changes and will incorporate WSUD.
Materials	<ul style="list-style-type: none"> Retaining walls, steps and seating platforms will be designed and constructed in accordance with Bega Design Guidelines. Retaining walls will be in situ concrete with smooth or off form finish and may include feature granite blocks. Blade retaining walls will be in corten steel with feature perforations. Steps and seating platforms will be in situ concrete. Selected retaining walls will include timber slat seating fixed to top of retaining wall. 	<ul style="list-style-type: none"> Low retaining walls at kerb outstands will be plain grey concrete and match kerb and channel.
Implementation	<ul style="list-style-type: none"> Review of retaining wall and steps specifications prior to further implementation in order to confirm desired strength, thickness, colour and finish appropriate to expected function and pedestrian traffic. Installation of walls and steps must be in accordance with detailed design plans. Works will be installed by specialists to appropriate specifications in order to ensure safety (no trip or slip hazards) and longevity. 	<ul style="list-style-type: none"> Implementation in line with Priority 1 Area Guidelines.



Steps and seating platforms example



Retaining wall examples



Corten steel blade retaining wall examples

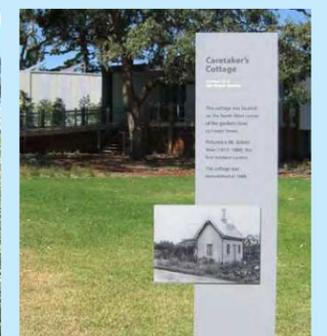


Perforated corten steel example

2.2.9 Signage

	Priority 1 and 2 Areas
Aims	<ul style="list-style-type: none"> • Signage will support Bega's CBD functions by providing a hierarchy of directional, informative and symbolic features that accord with the Landscape Master Plan design and colour themes, with Bega Valley Shire Council corporate signage styles • Signage will be considered in streetscape designs that define appropriate signage positions.
Materials	<ul style="list-style-type: none"> • Design signage that is a contemporary adaptation of the Bega art deco style and includes vertical elements and illumination. • Materials will be as per Guidelines for colour and appropriate for durable wayfinding signage fabrication. • Form will be blade style signage similar to image examples. • Signage will distinguish Bega CBD with appropriate branding that may include Corporate Bega Valley Shire Branding. • The limited installation of directional, information and interpretive signage at key locations only, such as pavement extensions, junctions with Ayres Walkway, important meeting points and where directions to significant destinations are required. • Include both Aboriginal and post European settlement heritage and culture in interpretive signage. • Utilise Digital signage in high value areas.
Implementation	<ul style="list-style-type: none"> • Wayfinding Signage related research, design and implementation is to be integrated into future signage design. • Consult with the relevant Aboriginal Community in relation to Aboriginal heritage and culture for interpretive signage. • A staged signage installation and replacement program should be implemented in line with repaving, construction of pavement extensions and garden beds, and other work. • Gateway signs should have a high priority. • Installation of signage must be in accordance with detailed design plans that take into account most desirable positions and numbers of elements but also fixing and foundation aspects in relation to paving, power supply (where illumination is required), garden beds, tree planting, underground and overhead service locations.

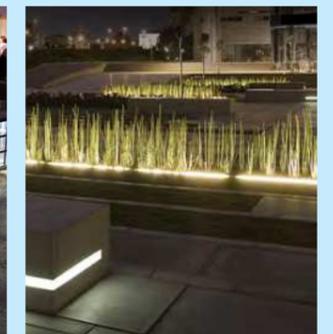
Urban Signage examples



2.2.10 Lighting

	Priority 1 and 2 Areas
Aims	<ul style="list-style-type: none"> Bega's CBD will be attractive and safe at night. In addition to road lighting, Bega CBD will have a consistent and appropriate lighting level in all pedestrian areas, primarily but not exclusively those beneath awnings. Lighting will be energy efficient and conform to relevant codes. Provide a consistent lighting design style. Highlight lighting of buildings and trees will be a significant feature of Bega at night in order to supplement both safety and night time commercial / entertainment activity. Where appropriate, outdoor power supply points will be provided for public activities.
Materials	<ul style="list-style-type: none"> Pole mounted pedestrian light fittings under awnings in Carp Street will be Thorn Avenue F LED pole mounted luminaire. Poles will be 'decorative cross profile' style with four parallel rods. Feature uplighting of Memorial Arch and Clock Tower. Feature lighting in Ayres Walkway to achieve both decorative and ambient lighting levels without energy inefficiencies including lighting of steps and seating platforms, ramps, retaining walls, trees and shelters. Flood lighting to architectural features and trees, and feature lighting to extended pavement areas, where this achieves both decorative and ambient lighting level without energy inefficiencies. Illumination of Gateway Sculptural Signage. Illumination of selected Wayfinding Signage in high profile areas. Use of energy efficient and or solar lighting. Road lighting for Priority 2 Areas.
Implementation	<ul style="list-style-type: none"> Pedestrian lighting related research, design and implementation are to be integrated into future design for Priority 1 Areas and Ayres Walkway. The need to ensure power supply, metering and connection points without future disruption to streetscape works makes it particularly important that a lighting implementation plan is developed for incorporation into construction works.

Urban Lighting examples



2.2.11 Structures

	Priority 1 and 2 Areas
Aims	<ul style="list-style-type: none"> Overhead structures in Bega's CBD will be limited to: <ul style="list-style-type: none"> shade structures in Ayres Walkway shade structure in Carp Street bus shelters. Integrate shade structures into detailed design of Ayres Walkway. Carp Street shade structure to replace existing and be consistent with Ayres Walkway shelter design. Removable weather protection such as temporary umbrellas, subject to discussion with Council, may be approved for on street dining.
Materials	<ul style="list-style-type: none"> The designs, materials and colours of any permanent structural elements will follow the Bega CBD furniture and colour guidelines. Shade structures in the recommended locations in Ayres Walkway and Carp Street should <ul style="list-style-type: none"> be 'light weight' in visual terms with inconspicuous posts and roofing primarily feature steel construction include perforated metal to achieve a dappled light effect and shadow effect provide optimum shade opportunities, harmonise with street furniture and colour styles while being sculptural in appearance. The Bus Stop Shelter in Church Street will be contemporary in design and provide high quality urban amenity. The Shelter will provide adequate seating and shelter from the weather. Materials will include steel, perforated metal, timber and glazing for visual transparency. The design will follow other relevant Bega CBD design guidelines. The Bus Stop Shelter in Gipps Street will be upgraded in due course to be in keeping with Church Street bus stop design and provide high quality urban amenity. Bus Stop Shelters in Priority 2 Areas are to be of consistent style and placement that provides for appropriate seating and shelter from the weather, and are visually transparent. These shelters will be proprietary items from selected commercial manufacturer. The designs, materials and colours of any unfixed temporary elements (including barriers, screens, furniture and umbrellas) that must be removed after trading will generally follow the Bega furniture and colour guidelines and be of high quality design and fabrication of durable materials. It is acknowledged that a greater variety of colour and form of unfixed elements may be acceptable.
Implementation	<ul style="list-style-type: none"> Installation of Structures must be in accordance with detailed design plans that take into account most desirable positions and numbers of elements but also fixing and foundation aspects in relation to paving, power supply (where illumination is required), garden beds, tree planting, underground and overhead service locations. For temporary structures, prepare and implement Outdoor Street Trading Code of Practice that defines guidelines and permissions for 'Outdoor Street Trading' that includes activities such as outdoor dining (including service of alcohol), display of goods, temporary displays, temporary sales and busking.

Urban Structure examples



Perforated steel example



Three roofs with single posts example



Dappled shade example



Bus shelter style example



Bus shelter style example



Bus shelter style example

2.2.12 Public Art

	Priority 1 and 2 Areas
Aims	<ul style="list-style-type: none"> Bega will be enhanced and distinguished by appropriately commissioned and selected Public Art. Public Art in Bega will be created by accomplished professional artists and meet high-level design and aesthetic standards. Public Art design and fabrication will appropriately involve relevant community members and demonstrate Bega's cultural heritage.
Materials	<ul style="list-style-type: none"> The materials and form of Public Artworks will be determined by the artist in response to location and brief. Materials, forms and scale may vary but should convey an impression of professionalism and excellence. Public art may include temporary installations by professional artists. Installation must be of a robustness appropriate to their locations.
Implementation	<ul style="list-style-type: none"> Public Art will be commissioned, selected and managed by an appropriately constituted Council and community panel with access to relevant professional advice. Priority areas for the installation of Public Art include Ayres Walkway / Carp Street interface and Sculptural CBD Gateway signage A staged design and implementation program should be implemented for additional Public Artworks in further streetscape design and generally located at the peripheries of extended pavement areas at points along the street. Installation of Public Art must be in accordance with detailed design plans that take into account most desirable positions and numbers of elements but also fixing and foundation aspects in relation to paving, power supply (where illumination is required), garden beds, tree planting, underground and overhead service locations.

Public Art examples



