



NAPIER
CITY COUNCIL
Te Kaunihera o Ahuriri

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SUSTAINABLE NAPIER COMMITTEE

Open Agenda

Meeting Date: Thursday 3 July 2025

Time: 1.00pm

Venue: Large Exhibition Hall
War Memorial Centre
Marine Parade
Napier

Livestreamed via Council's Facebook page

Committee Members **Chair:** Councillor Price
Members: Mayor Wise, Deputy Mayor Brosnan, Councillors Boag, Browne, Chrystal, Crown, Greig, Mawson (Deputy Chair), McGrath, Simpson, Tareha and Taylor
Ngā Mānukanuka o te Iwi representatives – Tiwana Aranui and Darren Tareha

Officers Responsible Executive Director Infrastructure Services

Administration Governance Team

Next Sustainable Napier Committee Meeting
Thursday 21 August 2025

2022-2025 TERMS OF REFERENCE - SUSTAINABLE NAPIER COMMITTEE

<i>Chairperson</i>	<i>Councillor Price</i>
<i>Deputy Chairperson</i>	<i>Councillor Mawson</i>
<i>Membership</i>	<i>Mayor and Councillors (13)</i> <i>Ngā Mānukanuka o te Iwi (Māori Committee) (2)</i>
<i>Quorum</i>	<i>8</i>
<i>Meeting frequency</i>	<i>At least 6 weekly (or as required)</i>
<i>Officer Responsible</i>	<i>Executive Director Infrastructure Services</i>

Purpose

To provide governance oversight of the asset management and operation of Council's infrastructure by making decisions on strategy, policy and levels of service in respect to:

- a) Transportation assets
- b) Three Waters
- c) Waste management and minimisation
- d) Building asset management
- e) Parks, reserves and sportsgrounds
- f) Cemeteries
- g) The inner harbour

Delegated Powers to Act

To exercise and perform Council's functions, powers and duties within its area of responsibility, excluding those matters reserved to Council by law or by resolution of Council, specifically including the following:

1. To review and adjust relevant work programme priorities within agreed budgets, activity management plans and levels of service as per Council's Long Term Plan.
2. To consider matters related to the management of Council's physical assets, and service related projects and facilities.
3. To oversee the management of all Council's physical assets.
4. To adopt or amend policies or strategies related to the Committee's area of responsibility, provided the new or amended policy does not conflict with an existing policy or strategy.
5. To consider any reports from infrastructure related joint committees and business units.
6. To resolve any other matters which fall outside the area of responsibility of all Standing Committees, but where the Mayor in consultation with the Chief Executive considers it desirable that the matter is considered by a Standing Committee in the first instance.

Power to Recommend

The Committee may recommend to Council and/or any standing committee as it deems appropriate.

The Committee may make a recommendation to the Annual Plan or Long Term Plan relevant to the Committee's responsibilities.

The Committee must make a recommendation to Council or the Chief Executive if the decision considered appropriate is not consistent with, or is contrary to, any policy (including the Annual Plan or Long Term Plan) established by the Council.

ORDER OF BUSINESS

Karakia

Apologies

Councillor Browne

Conflicts of interest

Public forum

Nil

Announcements by the Mayor

Announcements by the Chairperson including notification of minor matters not on the agenda

Note: re minor matters only - refer LGOIMA s46A(7A) and Standing Orders s9.13

A meeting may discuss an item that is not on the agenda only if it is a minor matter relating to the general business of the meeting and the Chairperson explains at the beginning of the public part of the meeting that the item will be discussed. However, the meeting may not make a resolution, decision or recommendation about the item, except to refer it to a subsequent meeting for further discussion.

Announcements by the management

Confirmation of minutes

That the Minutes of the Sustainable Napier Committee meeting held on Thursday, 15 May 2025 be taken as a true and accurate record of the meeting.131

Agenda items

- 1 Emerson Street Upgrade - Detail Design for Stage 1 & Enabling Works4
- 2 Napier Drinking Water Compliance Assessment for 2024 Calendar Year89
- 3 Tennyson Street Stormwater Outfall Improvements98
- 4 Three Waters Capital Delivery Programme Update.....110
- 5 Non-Waters Capital Programme Update121

Minor matters not on the agenda – discussion (if any)

Recommendation to Exclude the Public.....130

AGENDA ITEMS

1. EMERSON STREET UPGRADE - DETAIL DESIGN FOR STAGE 1 & ENABLING WORKS

Type of Report:	Operational
Legal Reference:	N/A
Document ID:	1860453
Reporting Officer/s & Unit:	Georgina King, Team Leader City Design and Urban Renewal

1.1 Purpose of Report

This report seeks approval of the Detailed Design for Stage 1 of the Emerson Street Upgrade and the Developed Design for the Extended Scope of Works.

Further, it seeks approval to proceed to procurement and construction of Stage 1 and Extended Works.

Officer's Recommendation

The Sustainable Napier Committee:

- Endorse** the Detail Design for Stage 1 of the Emerson Street Upgrade project
- Endorse** the Developed Design for the enabling works
- Approve** to proceed to consenting and construction of both Stage 1 and the associated enabling works, as per the Procurement Approach endorsed by Council 15 May, 2025.

1.2 Background Summary

Emerson Street is Napier's primary retail street. The western gateway of Clive and Memorial Squares, and the eastern gateway of Marine Parade are both bookends to the city centre. These places have the potential to be vibrant front doors to the city, better suited for community gatherings, events, and markets, recognising that it has been more than thirty years since Emerson Street last received significant investment.

The upgrade of Emerson Street was first identified in the 2017 City Vision Framework as an important urban renewal initiative for our city, intended to encourage businesses and retailers and private investment into the CBD. Key outcomes of this upgrade include improving our infrastructural resilience, establishing a gateway / bookend at the western end of our CBD, providing a more accessible heart to our CBD through universal design, and to enhance Napier's main retail street overall.

Project Objectives

Core project objectives for the upgrade of Emerson Street are to:

- Improve the infrastructural resilience and sustainability of Emerson Street by:*

- a. replacing the aged wastewater network
 - b. Introducing raingardens to:
 - i. Increase stormwater storage capacity.
 - ii. Improve stormwater quality prior to discharge.
 - iii. Include canopy trees for shade to reduce ambient temperature and increase street amenity.
2. *To ensure financial sustainability by combining the wastewater network renewal with the streetscape upgrade:*

To achieve this objective, the design of the wastewater network has been undertaken in tandem with the streetscape upgrade to realise cost savings through simultaneous design, contractor procurement, site establishment and excavation, as well as re-establishment of the surface treatment. The design sees the realigned wastewater pipe on Clive Square East repositioned to run centrally within the carriageway, away from the building frontages.

Undertaking infrastructure upgrades and streetscape renewal in the same physical works contract minimises disruption to adjacent businesses and retailers, while also reducing the overall project timeframe for construction.

3. *Improve the safety and accessibility of our city's main retail street. Incorporate operational flexibility by creating a safer, more accessible central retail area using Universal Design principles, ie. providing wider footpaths, level streets, and well-placed amenities for people of all ages and abilities:*

The design of Emerson Street offers a "flexible zone" within the street itself which accommodates street furniture, feature lighting, and rain gardens encouraging people to sit, spend time and stay longer in the heart of the CBD. It is proven that increased dwell time results in increased customer spending and higher revenue for businesses in that location.

It is also noted that community and stakeholder feedback obtained during the pre-engagement identified a strong desire for Emerson Street to offer a high level of flexibility. There was particular interest in having the ability to change how the street operates at certain times of the day or year. This includes the option to create a fully pedestrianised environment to enhance both the pedestrian experience and safety. To support this, retractable bollards are proposed at either end of the Emerson Street block, making it easier to implement these changes.

Emerson Street Upgrade Design Approach

Concept design for Emerson Street involved the entire length of Emerson Street, from Clive & Memorial Squares right up to Marine Parade. Designing all four City blocks to concept level was a strategic decision to ensure that a clear vision would be achieved for Emerson Street, regardless of how the construction is phased, resulting in a cohesive streetscape that meets Council's vision.

A Streetscape Reflective of our Heritage and Culture

A key project outcome of the overall design of Emerson Street is to achieve a streetscape that complements both the form and colour palette of our Art Deco heritage architecture. Consideration has been given to the design and placement of street furniture, lighting and street trees to frame and to highlight the signature architectural features of Napier's built environment, including our treasured Clive and Memorial Squares.

Enhancing the visibility of mana whenua in our streetscape, which is already evident in many of the existing Art Deco facades, is another opportunity this upgrade provides.

The 'Kit of Parts' are the key design elements that will contribute to the overall look and feel of the Emerson Street character, and involve:

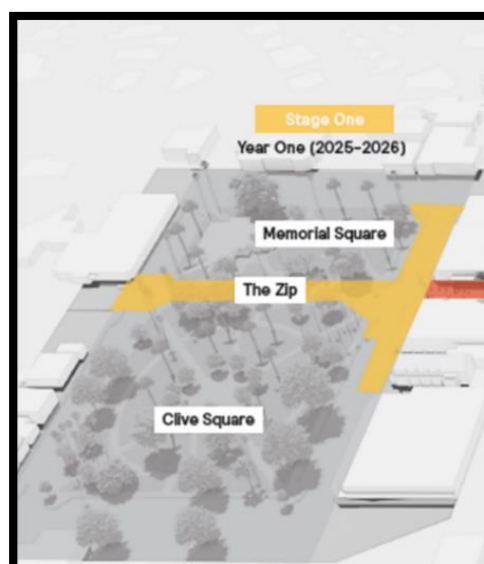
1. Street Furniture: Designs and placement concepts for bench seating and perchable seats, offering functional and playful elements to enhance the street environment.
2. Lighting Options: A selection of lighting solutions that balance aesthetics, functionality, and safety to ensure a welcoming and attractive space, day and night.
3. Paving Design Solutions: Pattern, materiality, and layout that define the zones within the street whilst enhancing the overall pedestrian experience.

The development of the Kit of Parts has been a collaborative process involving key internal stakeholders, mana whenua, and the Heritage Architect. The designs have been heavily informed by both the Cultural Narrative and the existing Art Deco character of Emerson Street. The intent is not to compete with or replicate Art Deco, but rather to complement it. The design solutions respect the City's unique heritage and character of the built environment while integrating contemporary and culturally significant elements.

The Cultural Narrative gifted to the Project, was endorsed by Ngā Mānukanuka o te Iwi on 26th July 2024. Attached to this paper is the Emerson Street Upgrade Detail Design which explains how the design response reflects our cultural heritage whilst continuing to showcase our unique architecture, building on our unique combination of Art Deco architecture and cultural heritage.

Stage 1 – Detail Design

Stage 1 is the first phase of the Emerson Street Upgrade project to be constructed. This stage encompasses streetscape upgrade of the Zip (the section of road that bi-sects the two Squares) and Clive Square East, including new paving, planting, seating, lighting, and other urban design elements. Stage 1 also involves coordination with infrastructural upgrades and is the foundational piece of the broader upgrade strategy for



Emerson Street setting the tone for future stages.

Complementary Activation Initiatives



Western Gateway - The Western Gateway, where Carlyle Street meets Emerson St, is designed to serve as a key arrival point for visitors, offering a welcoming and informative first impression of the city. At the same time, it will act as a clear urban bookend, signalling to all users - whether arriving or departing - that they've reached the threshold of Napier's city centre.

Visitor Arrival Experience – undertaking Stage 1 not only establishes a much needed bookend to our Retail sector, but also supports other Council initiatives and investments in the area, both for our community and local businesses, such as the refurbishment of the Women's Rest into the City's Art Deco Centre.

A visitor arrival zone provides a welcoming and functional space for both local and international travellers, offering essential amenities such as toilets, seating, shade, and event space to support comfort and vibrancy. Centrally located, it will also serve as a key point for wayfinding and access to city information, helping visitors confidently explore Napier from the moment they arrive.

Transport Hub Strategy – To complement the broader vision of the Emerson Street Upgrade Council is exploring the feasibility of establishing a Transportation Hub centred around the Bus Terminal at Clive Square West - a significantly under-utilised asset owned by Napier City Council.

The Hub aims to ease seasonal pressures associated with our tourism season by relocating passenger drop-offs into this new precinct, to consolidate GoBus services and cruise-related tourist buses into one coordinated and contained location. This will also help to alleviate parking pressure around Te Aka and the Civic Precinct by shifting bus stops and lay-over bays from Dalton Street, and significantly improve the visitor experience for this new City precinct.

Extended Scope of Stage 1 Physical Works – “Enabling Works”

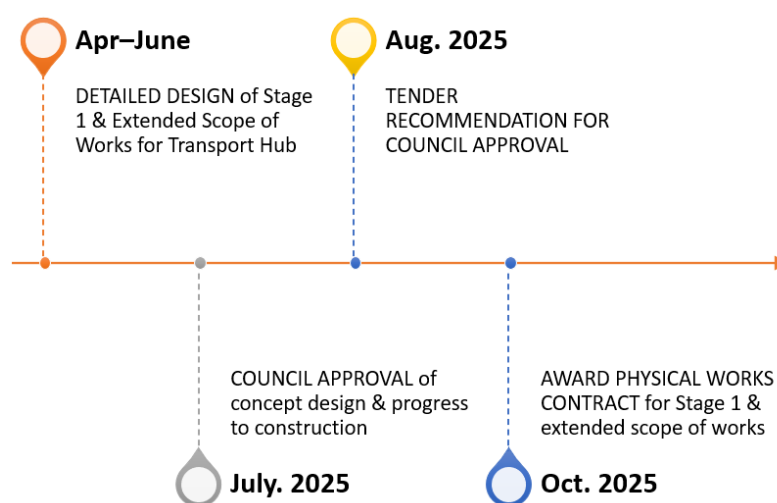
At a workshop on 13 March 2025, Council endorsed extending the scope of Stage 1 to incorporate previously out-of-scope enabling works, and to accelerate the design work for this.

These additional works include introducing a footpath into Clive Square West, key intersection revisions, and CPTED-focused enhancements, all of which will not only improve local amenity but also ensure the area functions effectively as a transport, events, and visitor arrival zone. Council recognised the benefits of packaging these improvements into the Stage 1 construction contract — achieving better value and integration while supporting broader city-shaping initiatives.

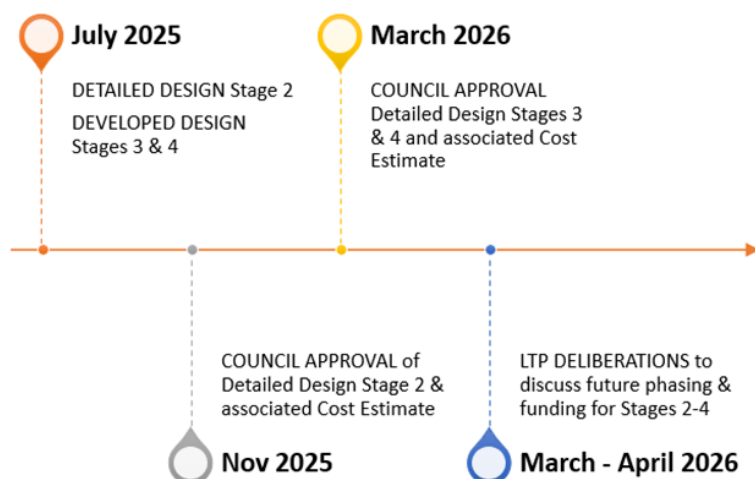
Design Delivery Timeline

In order to meet the delivery programme targeting awarding of the physical works contract in October 2025, the Design Team was required to prioritise the Detailed Design of both Stage 1 and the enabling works, with subsequent Detail design of Stages 2-4 programmed to align with 2026 Long-Term Plan considerations.

It is noted that the implementation of these enabling works will future-proof the area by allowing it to operate flexibly — either as a dedicated Transport Hub for bus and tourism functions, or as a more traditional streetscape with car parking. While the current design targets public transport operations, the final operational approach is still being refined through traffic modelling and engagement with key stakeholders, however this will be confirmed prior to tender.



Project Delivery Timeline for Stage 1 & Extended Scope of Work



Project Delivery Timeline for Stages 2 – 4 Designs to inform next LTP

1.3 Issues

Infrastructure Network

Due diligence at the start of this project involved assessing the condition of the existing underground services. Site investigations confirmed that the 92-year-old earthenware wastewater pipe network within Emerson Street requires full replacement.

The existing wastewater lines run under the footpaths, and for a substantial portion of the project run down both sides of Emerson Street. Council's 3-Waters Team have tagged \$1.2 million in the 3-Year Plan for the replacement of the wastewater network on Emerson Street. Upon completion of further detailed pipe investigation, the design of the new wastewater will commence.

To maximise both cost and time efficiencies, the design and implementation of this infrastructure was dovetailed into the design and construction of the Emerson Street Project. Combining the wastewater network renewal with the streetscape upgrade provides huge costs savings for both projects, reducing the time and cost associated with undertaking the excavation and relaying of paving twice, and of equal importance, reducing the total level of disruption.

Paver Solution

Recommended Paving Strategy

Natural stone pavers have been specified across all zones of the Stage 1 area, including both trafficable and pedestrian areas. This recommendation is based on:

- **Cost Efficiency:** Natural stone requires less complex sub-base preparation, resulting in lower construction costs. Based on supplier quotes received, Terrazzo pavers are also approximately 120% more expensive per unit than natural stone.
- **Performance and Durability:** Superior structural performance under vehicular loading, minimising risk of cracking or breakage.

- **Design Life:** Demonstrates greater longevity and lower maintenance requirements over time. Natural stone has a 50+ year product life, whereas terrazzo pavers have a 25-30 year product life.



This approach aligns with the endorsed Mid-Level of Investment and the design intent established throughout the project lifecycle, most recently reaffirmed by Council during the latest workshop.

Re-use of Pavers

An early consideration of the overall design for Emerson Street was whether we might be able re-use the existing pavers. The Project Quantity Surveyor identified that in order to uplift, clean, transport and re-lay the salvaged pavers, it would cost approximately \$380 p/sqm. The Design Engineers calculated we would be able to salvage between 30-50% (with 50% being very optimistic), with the remainder of the street to be made up of new pavers.

The cost of laying brand new pavers, including removing the existing and disposing of old, would be approx. \$440 p/sqm for a mid-range paver option.

The existing pavers have been in place for 32 years and, while they have performed well, their expected design life is only 25–30 years. Having already exceeded this lifespan, it is reasonable to expect that the current pavers will increasingly require maintenance and ongoing repairs.

To avoid this, and for an additional cost of just \$60 per square metre, new pavers have been identified as the best long-term solution. New pavers not only deliver a fresh, high-quality aesthetic, but will also be significantly more durable than the existing 'near to end of life' pavers. New pavers offer a low-maintenance surface with a design life of up to 50 years (nearly double the original) meaning far less disruption for our retailers and the public over the coming decades.

1.4 Significance and Engagement

A Community-led design approach has been employed from the outset, and the Design Team have been working with stakeholders throughout to support the success of the design process. To truly 'walk the talk' Council embarked on significant community and stakeholder engagement in November 2023, prior to the design even commencing. This

consultation spanned a number of months and helped inform the concept design for this project.

In November 2023 Council embarked on extensive pre-design engagement with the community and stakeholders, seeking feedback on both what Emerson Street is today, acknowledging the importance of our heritage buildings, and how our community would like to see our prime retail street both look and function in the future.

Community consultation, engagement and measurement undertaken involved the following:

- Pop-Up shop in Emerson Street (> 200 visitors)
- Retailer survey provided online and in-person
- Online Community Survey (593 responses)
- Workshops (on-site) – 45 attendees
- Intercept Interviews – 40 in person interviews
- Camera Monitoring – four sites along the length of Emerson St for 1 week
- Testing through activation over 1 week

The feedback received from this community engagement has been used to inform the concept design and will continue to guide all future design stages. Out of this pre-engagement work key stakeholder groups were identified and regular meetings have been held with those Parties across all phases of the project.

- *Project Advisory Group (PAG)* – This group formed in the pre-engagement phase of the Project (initially named the Project Steering Group). This group comprises of fourteen representatives from NCBI (Business Association) retailers, the Art Deco Trust, developers, landlords, hospitality providers, real estate agents and two elected members. Previously named the Project Steering Group, the role of this group is to provide feedback and guidance to the Design Team on functionality and ensuring that the design achieves the key project outcomes.
- *Heritage Advisory Group* - This group was specifically formed to provide feedback on the heritage elements of the design. Members are from the Art Deco Trust, HB Heritage Services, NCC - Heritage, Arts & Culture Manager and NCC Heritage Planner
- *Events Group* - The Zip and adjacent squares host a number of events during the year including the Friday Night Fiesta, HB Urban Farmers Market, Art Deco Festival and Anzac Day commemorations. The Events Group was established with representatives from these groups to inform the layout and functionality of Stage 1, thus ensuring that the desired level of flexibility and the ability to be able to change its operation at certain times of the day, or year was realised within the design. The Project Team have developed the design in consultation with the organisers of these events to ensure that the layout accommodates these functions.
- *Mana Whenua* - A cultural narrative has been developed and gifted to the project. This has strongly guided the design response for the upgrade, influencing the design of all stages of this project. Consultation between the design team and Te Waka Rangapū has been regular and ongoing to ensure the design authentically represents the cultural narrative as intended.

'Quick Win' Initiatives

Throughout the design phases the Council Project Team also identified possible 'quick wins' that could be tackled independently of the physical works contracts. The objective being to improve functionality and address operative concerns raised the pre-engagement undertaken for this Project. High on the list of the feedback received was reducing the physical clutter created by both wheelie bins and piles of recycling currently being left along the street edge by our Retailers.

The Project team worked in collaboration with the Waste Minimisation team on a strategy to reduce the number of bins on Emerson Street. The initial focus was to deliver a communication plan to the tenants to increase compliance levels. While there was some increase in compliance, it did not produce the desired effect, so the decision was made to change the service level. This resulted in all wheelie bins being replaced by centralised bin and recycling stations. These are situated in service lanes adjacent to Emerson Street and can be accessed by these stores through keys and combination locks.

1.5 Implications

Financial

On 28th July 2022, the Future Napier Committee resolved to put \$1.65 million from the Better Off Fund towards the development of a concept plan for the full length of Emerson Street and construction of Stage 1 (the section of road between Clive and Memorial Squares).

On 27 June 2024 Council adopted the 3-Yr Plan which set aside \$10.2 million for the upgrade of Emerson St. This upgrade will be dovetailed into the replacement and realignment of the wastewater pipe on Emerson St, and the integration of rain gardens into the streetscape. The implementation of the Emerson Street upgrade is to be staged over four years, a manageable yet efficient timeframe ensuring the least disruption to our Retailers and businesses.

On 15th May 2025 Council endorsed the recommended Procurement Approach for the Emerson St Upgrade Stage 1, and approved to undertake construction of Stage 1 and adjacent enabling works utilising the remainder of the Better Off Fund and 2025/26 Long Term Plan budget.

Cost Estimate for Physical Works

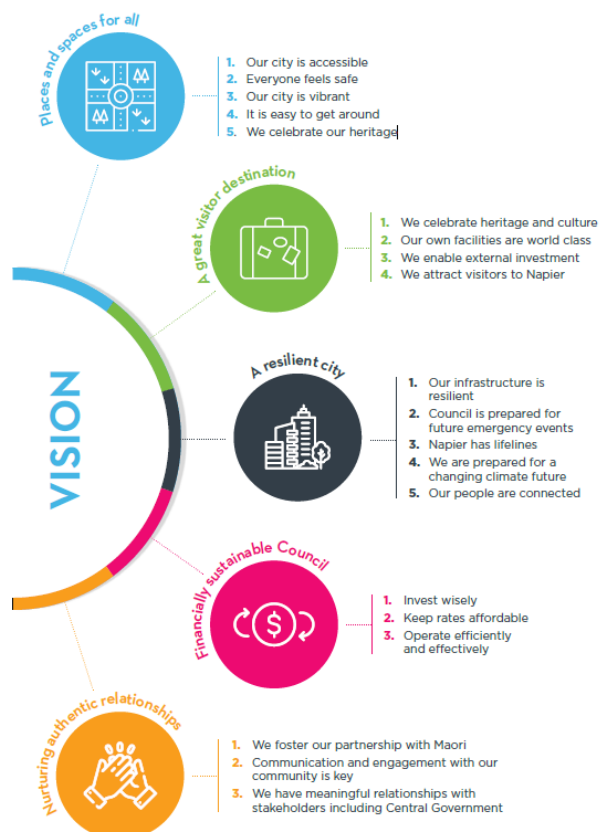
WT Partnership has been engaged to provide quantity surveying advice, ensuring we are utilising a value engineering approach throughout the various design phases. As part of the design process, both the completed Concept Design, Developed Design and then later the completed Detail Design for Emerson Street were sent to our Quantity Surveyors – WT Partnership (QS), to provide a cost estimate.

The process involves the QS quantifying the overall scope of the project and applying associated costs to every element to build up the overall cost estimate. The allowances within the cost estimate are then validated with the design team and key project personnel. This step ensures that there is a consensus that the estimate makes adequate allowance for what has currently been designed and specified.

The cost estimate for the construction of Stage One and the extended scope of works is currently within approved funding allocations, and the detailed design estimate is also

expected to be within the combined budget of the remaining Better Off Fund, the 2025/26 LTP budgets (3-Waters & streetscape upgrade). This will be confirmed in late June when the detailed design estimate is completed.

Social & Policy



The outcomes of the Detailed Design of Emerson Street aligns with all of Council's Strategic Priorities, as well as a number of existing Council strategies and plans, including the Design Brief, the City Vision Framework, Council's Vision and Strategic Priorities, the Disability Strategy, the Positive Ageing Strategy, and the Youth Strategy:

A resilient city – creating a safer, more people-friendly space with new paving, raingardens, enhanced lighting and more seating, so we have a more resilient central city.

Financially sustainable Council - replacing underground infrastructure at the end of its life not only provides cost-savings but also reduces the risks of

infrastructure failure for future generations.

Spaces and Places for all - improving the safety and accessibility of Emerson Street for all road users, including pedestrians, drivers and cyclists.

A great visitor destination - showcasing and celebrating what sets us apart from other parts of NZ. We want to attract visitor spend as well as investment

Nurturing authentic relationships – engaging from the outset with our community, landowners & businesses seeking their feedback and hearing their ideas and concerns, allowing us to build authentic relationships.

4.6 Risk

A number of external Reviews and Design Audits have been undertaken throughout the design process to mitigate project risk.

- 'Safety in Design' workshops have been undertaken by the Design Team Engineers upon receipt of the 100% Developed Design package (Feb 2025). The Safety in Design is a legislative requirement for the assessment of Health and Safety across the lifecycle of any project. It ultimately aims to mitigate Health and Safety risk through design where this can be practically achieved.

- Multiple Universal Access Reviews were undertaken by Barrier Free as part of the design process, assessing both the existing streetscape and its compliance with universal design principles, as well as auditing the detailed design plans to identify any elements that may hinder accessibility. Any recommendations received from Barrier Free were integrated into the final design package to ensure that the design of Emerson St achieve the key design outcome of improving the safety and accessibility of our city's main retail street.
- Ann Galloway, Heritage Architect, has reviewed the draft 100% Developed Design package, and the 100% Detail Design package. Ann's recommendations have been integrated into the final design, and she has also presented her review and assessment of the design to the Heritage Group.
- A 'Road Safety Audit' has been undertaken by ViaStrada over two phases of the Project – concept design and detail design. This was an independent audit focussing on aspects relating to transport safety and identifies opportunities for improvements in safety both for the pedestrian and the vehicle.
- Consulting Archaeologist Elizabeth Pishief has prepared an Archaeological Assessment outlining the potential effect of the physical works within the Emerson Street extent of works on an existing Midden known to be in the vicinity of the Trinity Methodist Church on Clive Square East and any potential artifacts that could be in the Clive Square precinct. The assessment has been submitted to Heritage NZ for an Archaeological Authority. The purpose of an Authority is to enable work to proceed efficiently and with no holdups and is monitored by the Archaeologist.
- Potholing ground investigations are being undertaken by The Alliance to confirm locations of existing site services, in addition to this local Geotechnical Consultants will undertake testing of the existing underground pavement and subgrade profiles to inform construction detailing.
- Alta have been engaged to undertake a Constructability and Disruption Management Review. This review will consider all the 'issue for construction' drawings and supporting documents to provide an indicative constructability, staging and programme with a particular attention to detail on disruption management. A constructability and disruption management short report will be provided to Napier City Council to be included in the Request for Tender (RFT).

1.7 Options

The options available to Council are as follows:

- Endorse** the Detail Design for Stage 1 of the Emerson Street upgrade and the additional enabling works, and
- Endorse** proceeding to construction of Stage 1 and the associated enabling works,
or
- Recommend changes** to the Detail Design before moving to construction, **or**
- Not endorse** the Detail Design for Stage 1 and additional enabling works

1.8 Development of Preferred Option

Following endorsement of Detail Design for Stage 1 and additional enabling works, Requests for Tender (RFT) will be published on GETS with a closing date of 29 July, 2025. Contract Approval is proposed to come back to Council on 28 August following the necessary evaluation, due diligence and contract negotiation being completed.

The current project timeline targets 2 October, 2025 as the estimated Contract start date, allowing the successful Tenderer sufficient time to undertake ordering and sourcing of materials for construction, whilst also setting aside the necessary time required to undertake meaningful Stakeholder liaison - keeping them informed of construction phasing and progress. Alta will also provide Council with stakeholder support on constructability and disruption management via meetings with stakeholder groups.

It is proposed that physical works for this Contract will commence in January, 2026 which will avoid construction prior to Christmas and minimise disruption to summer events in that area. The Construction methodology will factor in major City festivals (ie. Art Deco Weekend) in it's phasing.

1.6 Attachments

- 1 Stage 1 - Zip and Clive Sq East (Doc Id 1862113) [↓](#)
- 2 Emerson Street Napier Detailed Design Look and Feel Paving (Doc Id 1862114) [↓](#)
- 3 Cultural Narrative Booklet (Doc Id 1862112) [↓](#)
- 4 Stage 1 (The Zip) Design (Doc Id 1862115) [↓](#)



EMERSON STREET UPGRADE
STAGE ONE & TWO – DEVELOPED DESIGN
PART 8.0 – SITE ELEVATIONS
–

Emerson – The Zip
Northern side
–



EMERSON STREET UPGRADE
STAGE ONE & TWO – DEVELOPED DESIGN
PART 8.0 – SITE ELEVATIONS



Clive Square East Eastern side



EMERSON STREET UPGRADE
STAGE ONE & TWO – DEVELOPED DESIGN
PART 8.0 – SITE ELEVATIONS
–



Clive Square East
Eastern side
–



EMERSON STREET UPGRADE
DETAILED DESIGN
PAVING TYPOLOGIES



Graphics are indicative of layout only.

Paving Typologies

High quality investment

A. Stone Pavers
Trafficable Grade
300 x 150 x 80mm

+

B. Stone Pavers
Pedestrian Grade
300 x 150 x 40mm



Examples of stone paving shared spaces:



Queenstown Street Upgrades



Avon River Precinct, Christchurch

EMERSON STREET UPGRADE
DETAILED DESIGN
PAVING MEMO

Paving Part Plan
High quality investment

Pedestrian areas_



G3027
Dark Grey
Basalt



Mid Grey
Granite G654
Flamed



Fine Grain
Granite G305
Flamed



Golden Sands
Granite
Bush Hammered

B. Pedestrian grade stone paving
300 x 150mm x 40mm stone unit pavers, cement stabilised base and compacted basecourse subgrade to engineers details

Trafficable areas_



G3027
Dark Grey
Basalt



Mid Grey
Granite G654
Flamed

A. Trafficable grade stone paving
300 x 150mm x 80mm feature stone unit pavers, cement stabilised base and subbase to engineers details

B.

B.

B.

A.

A.

B.

B.



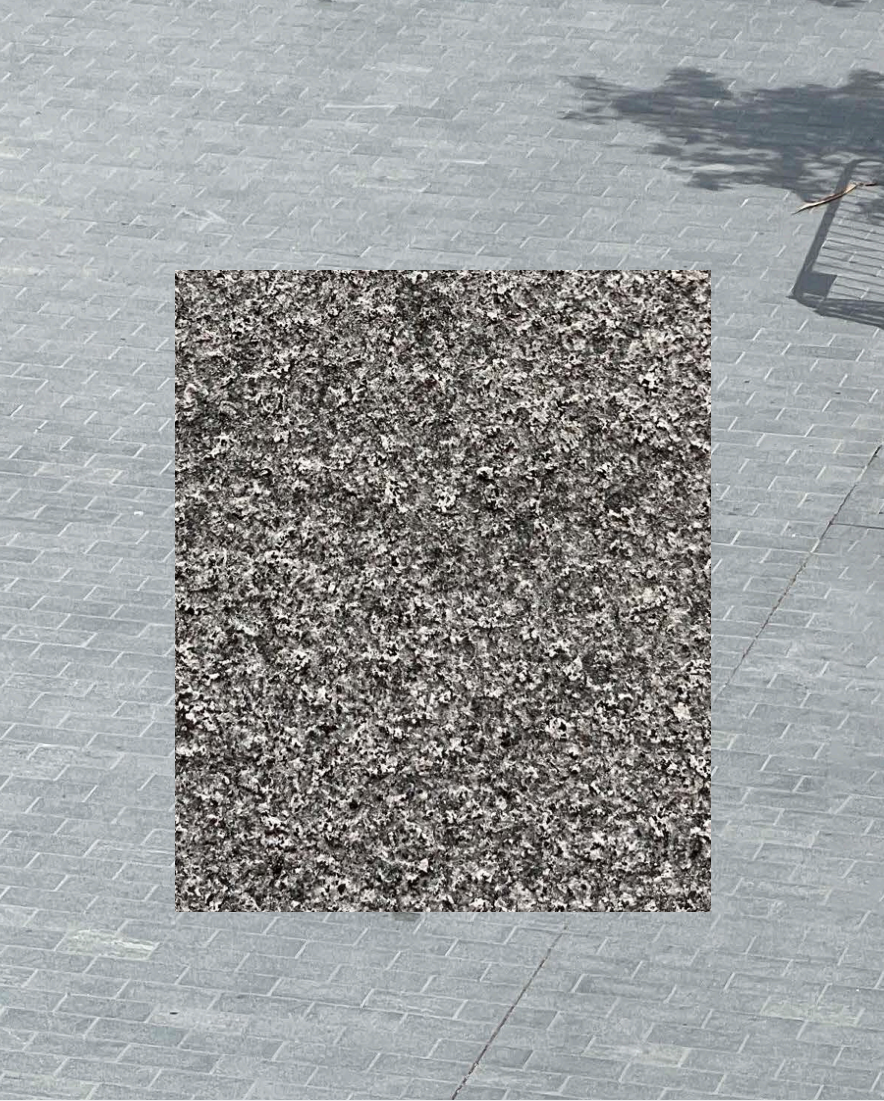
EMERSON STREET UPGRADE
DETAILED DESIGN
PAVING MEMO

-



Paving Materiality

-



‘Mid Grey’ Granite Paving_ 80–90%
To be used as baseline paving



‘Fine Grain’ Granite Paving_ 10%
To be used as feature paving.



‘Golden Sands’ Granite Paving_ 10%
To be used as supplementary feature paving to add visual interest.

EMERSON STREET UPGRADE
DETAILED DESIGN
PAVING MEMO

Paving Detail Plan Chevron Units

Pedestrian areas_



G3027
Dark Grey
Basalt



Mid Grey
Granite G654
Flamed

Chevron feature colours_



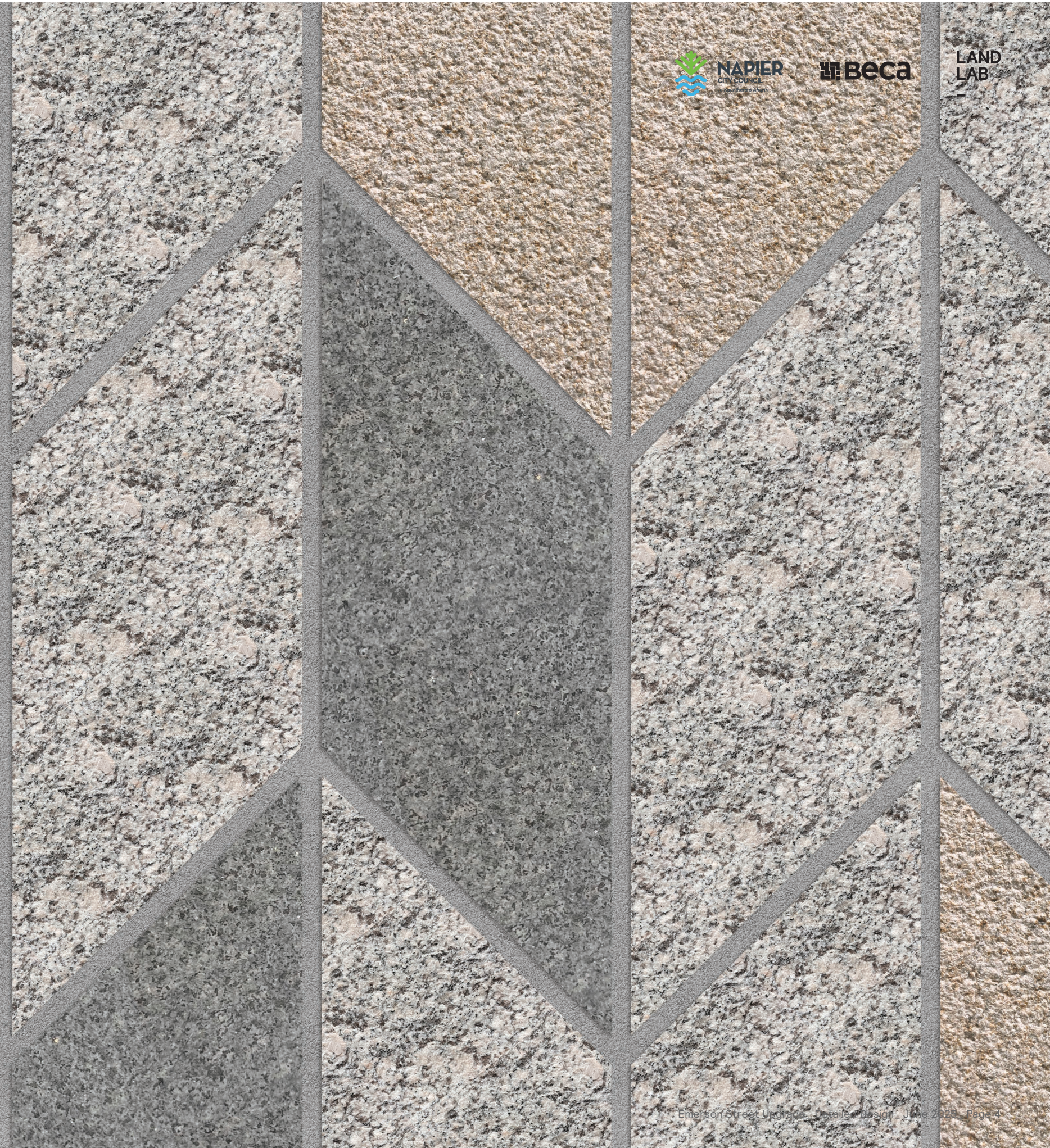
Fine Grain
Granite G305
Flamed



Golden Sands
Granite
Bush Hammered



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Emerson Street Upgrade - Detailed Design - June 2025 - Page 4

EMERSON STREET UPGRADE
DETAILED DESIGN
PAVING MEMO
-

Paving Detail Plan

Dispersed Chevron Paving

-

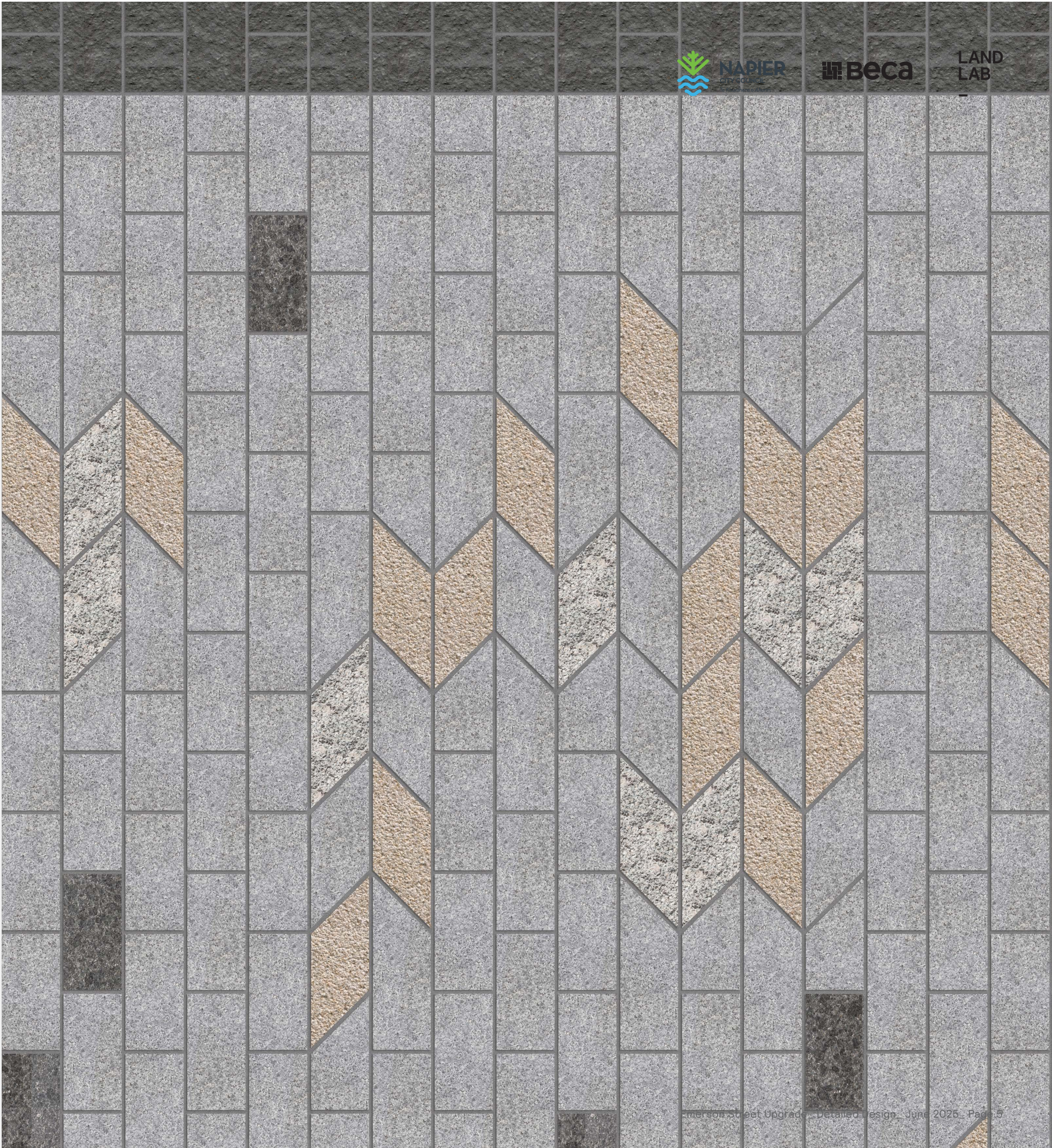
Pedestrian areas_



Chevron feature colours_



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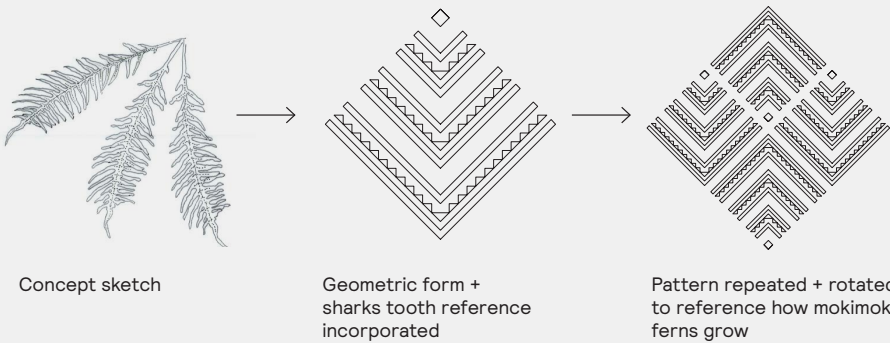


EMERSON STREET UPGRADE
DETAILED DESIGN
PAVING MEMO
-

Paving Mokimoki Detail

-

Mokimoki Pattern Development_



Mokimoki Feature Inlay_



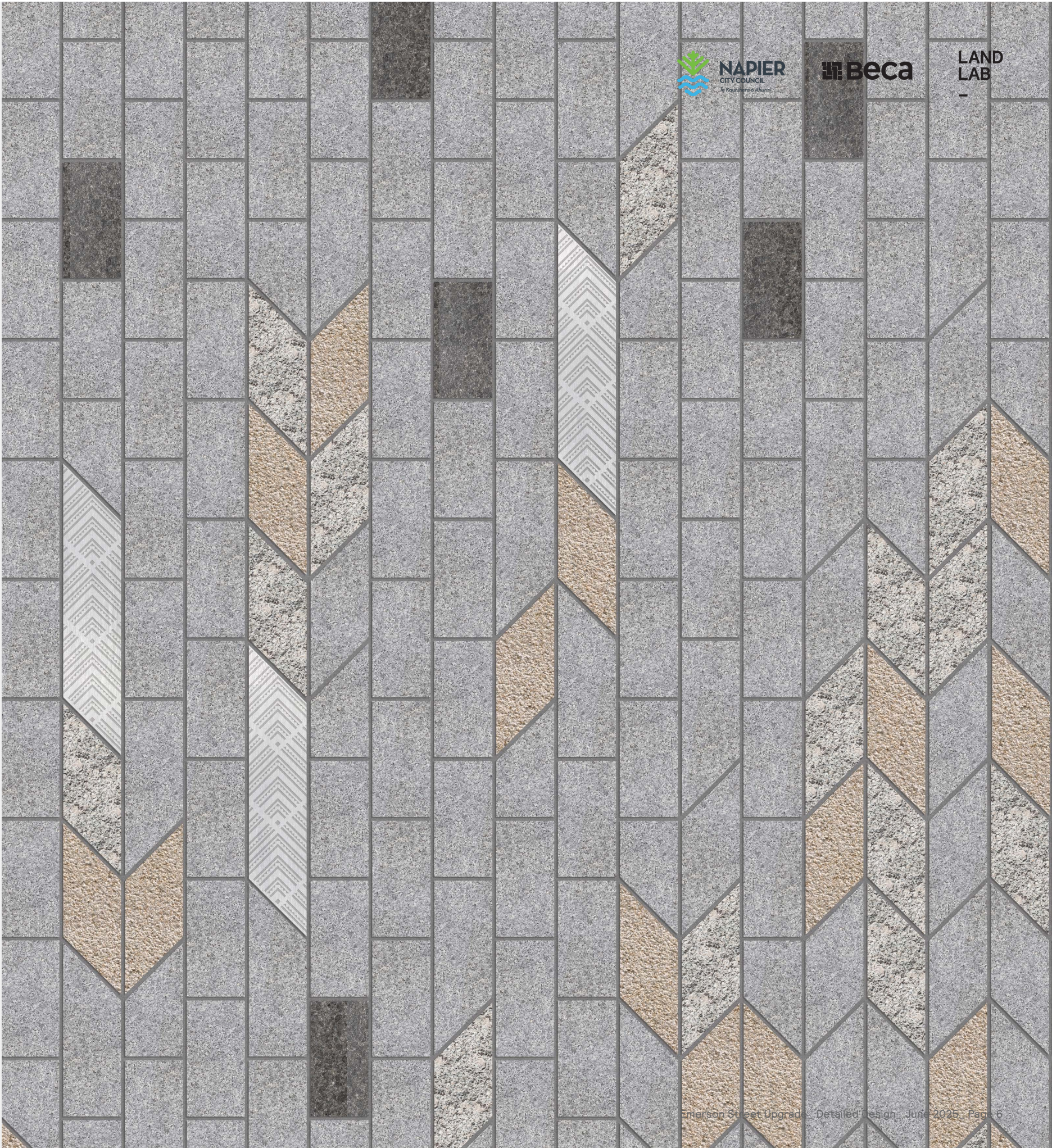
OR

Mokimoki Sandblasted Pattern_



(Reference image above only)

Strategy 3x mokimoki feature units in a group around lightpoles on North Side of the zip.



CULTURAL NARRATIVE



“TE HONONGA KI TE AO O PANIA ME TE IWI PONATURI”

“OUR CONNECTION TO THE WORLD OF PANIA AND HER PEOPLE OF THE SEA.”

PIRI PRENTICE

PRINCIPLES

KAITIAKITANGA

A dynamic street. Emerson St will be full of life and connected with natural systems, through water treatment and enhancing the biodiversity of our CBD by the shore of Te Matau a Māui. People of all ages, abilities and backgrounds will experience a street that is safe, inclusive and reflects our history in Ahuriri.

KOTAHITANGA

An authentic street. By creating places and spaces where people want to be we bring people together and provide authentic experiences. Ahuriri Napier is unique. Our City centre represents the City’s rich heritage and a diverse community who are creative, diverse and resilient.

MANA TANGATA

A street of our people. Celebrating our history and bringing our cultural heritage to the fore. By better knowing ourselves, we are able to share our stories and celebrate our uniqueness with our visitors.

ARAHANGA

A progressive street. Showing leadership through raingardens for stormwater treatment and landscaped areas for shade and to reduce the heat in our CBD. This ensures that our CBD is more prepared for a changing climate future, and our infrastructure more resilient.

STRATEGIC PRIORITIES

SPACES AND PLACES FOR ALL

Creating vibrant streets and open spaces for our community to enjoy and be proud of. Ensuring that we deliver the best that we can for our city, as well as working with others to ensure that our places and spaces are the best that they can be.

GREATER VISITOR DESTINATION

Providing quality places and spaces has that overflow effect of providing a great destination for our visitors and tourists. This is about showcasing and celebrating what sets us apart from other parts of NZ, therefore we must aspire to being world class and encouraging both visitor spend and investment.

AUTHENTIC RELATIONSHIPS

Having meaningful relationships with our community and stakeholders to ensure that the people of Ahuriri Napier’s voice is heard. Relationships are key to ensuring we understand our surroundings and seeking our community’s feedback and listening to their ideas and concerns allows us to build authentic relationships.

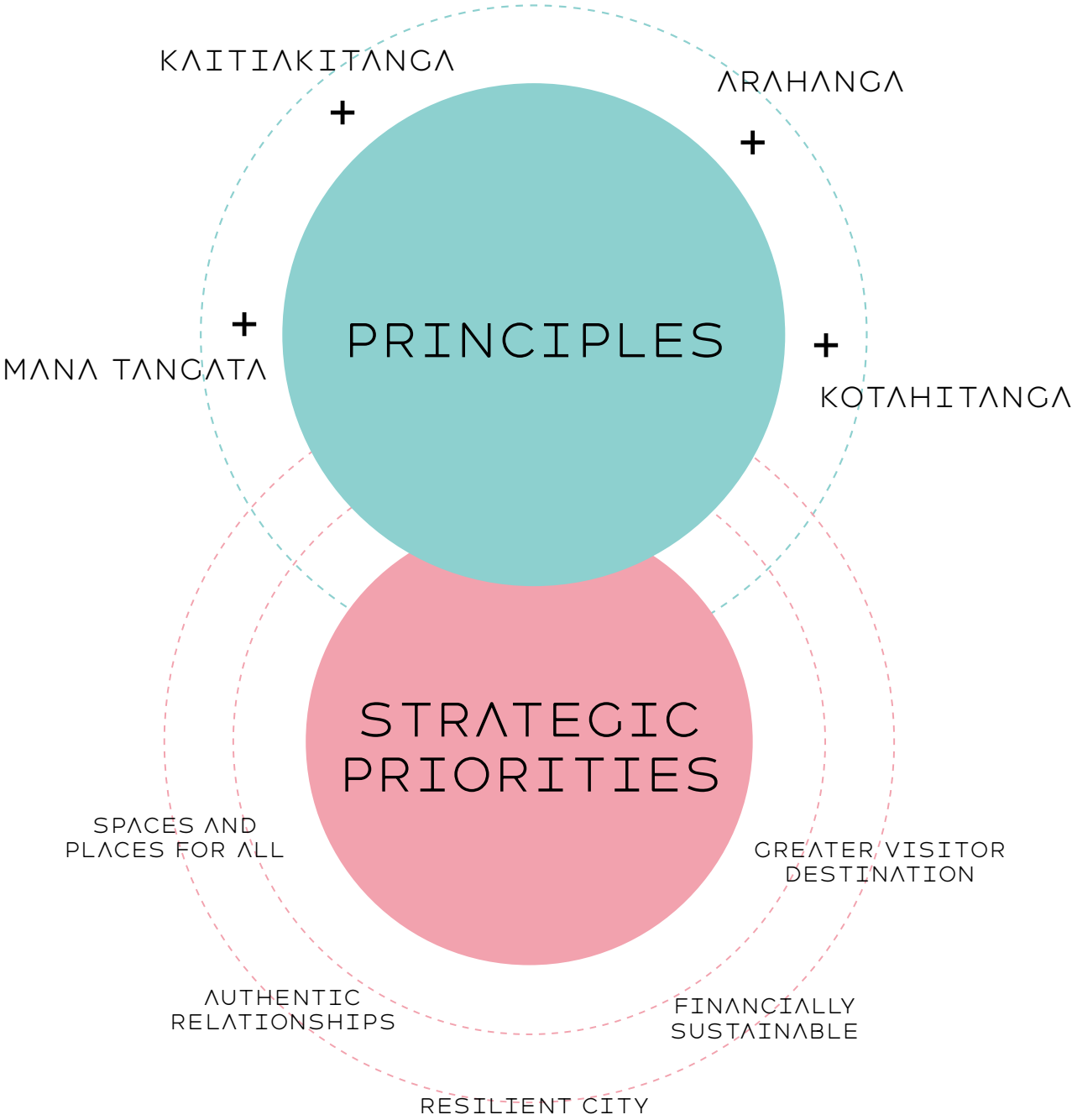
FINANCIALLY SUSTAINABLE

Maximising the benefits we are providing to our community, while working in a way that allows us to continue to do the same for future generations. Doing our best to find cost savings, while taking care of what we have by dovetailing infrastructural renewal into our streetscape revitalisation.

RESILIENT CITY

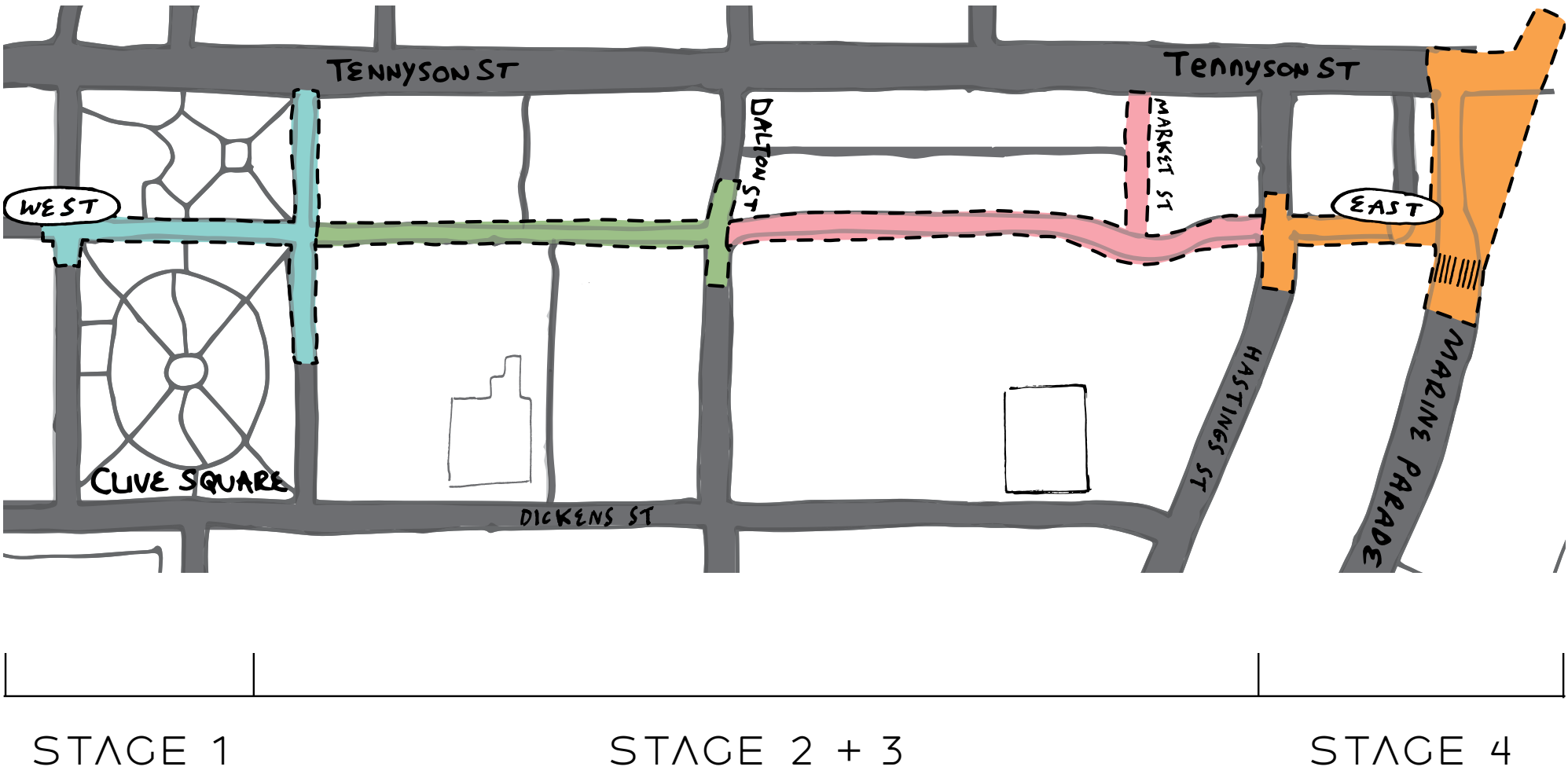
Napier is a thriving, progressive city committed to it’s community’s and the environments wellbeing. Adopting low impact design methods such as raingardens allows us to treat stormwater runoff before it reaches our waterways, and adding shade trees into the streetscape enhances the biodiversity of the area whilst reducing the temperature of the area.

VISION

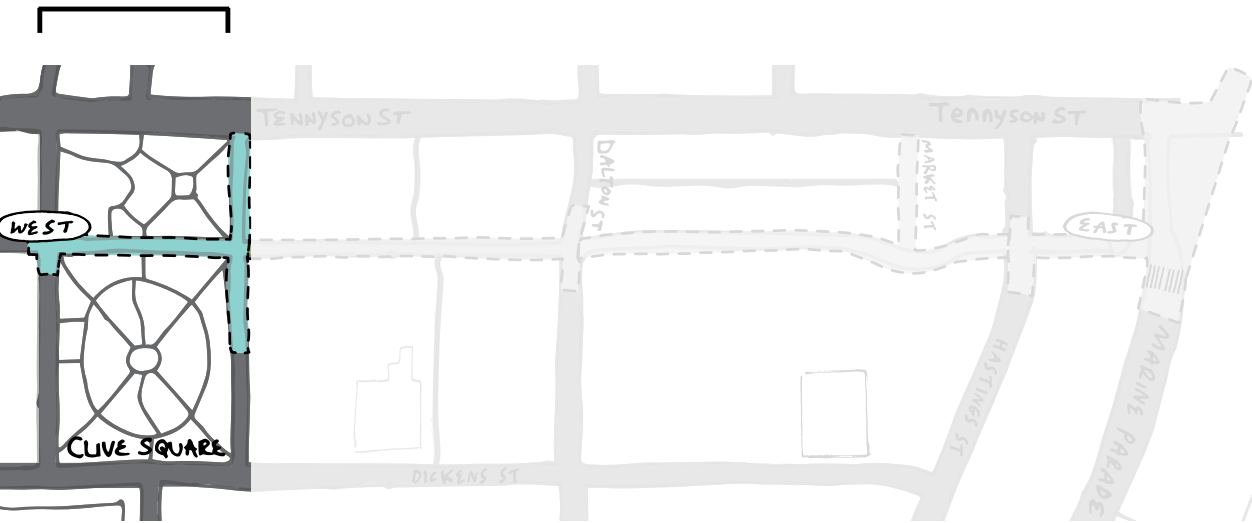


STAGING

EMERSON STREET



STAGE 1

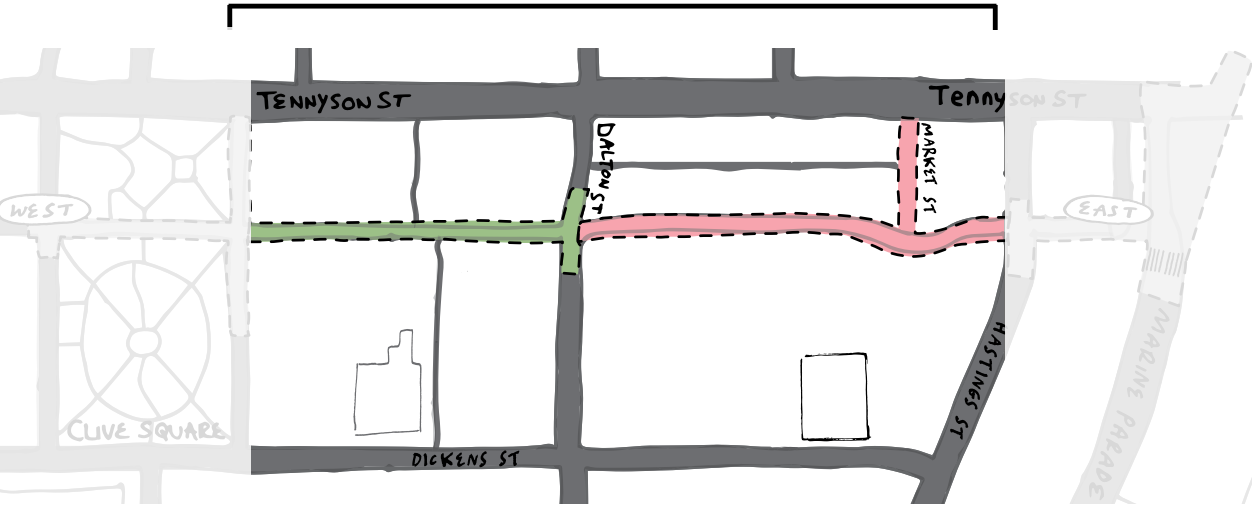


We show the connection of Pukemokimoki Island to Mataruahou and how close they were only separated by Carlyle St (today). We bring to life the mokimoki fern that grew on the island below Mataruahou, also extinct in these current times.

Also, through modern day design, resources, and colour we reflect the tidal spit that was Napier’s connection to Heretaunga. Above the strip will be lighting that reflects Matariki and new beginnings.



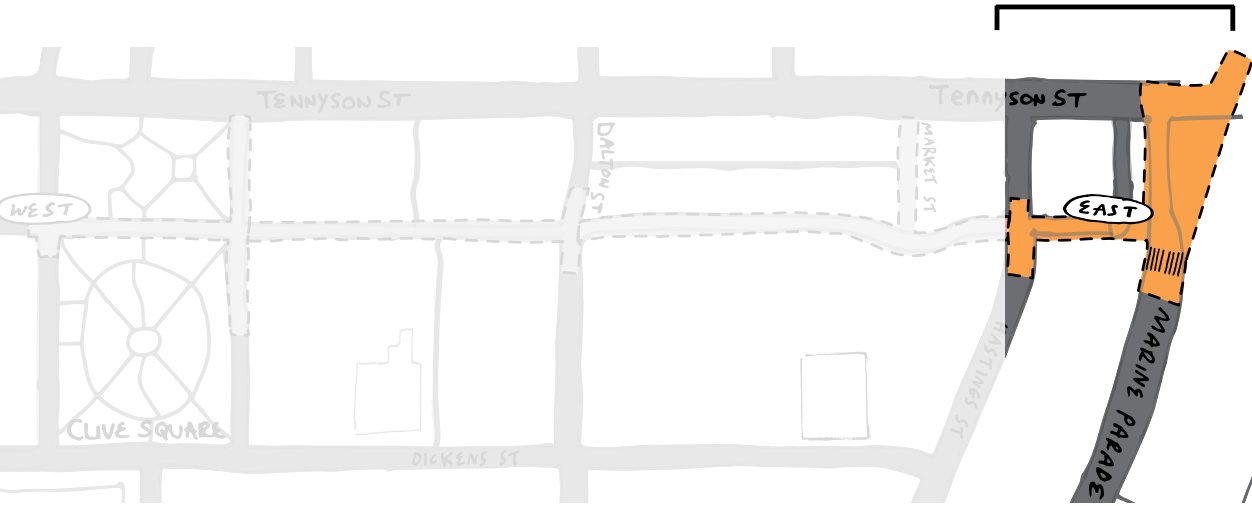
STAGE 2 & 3



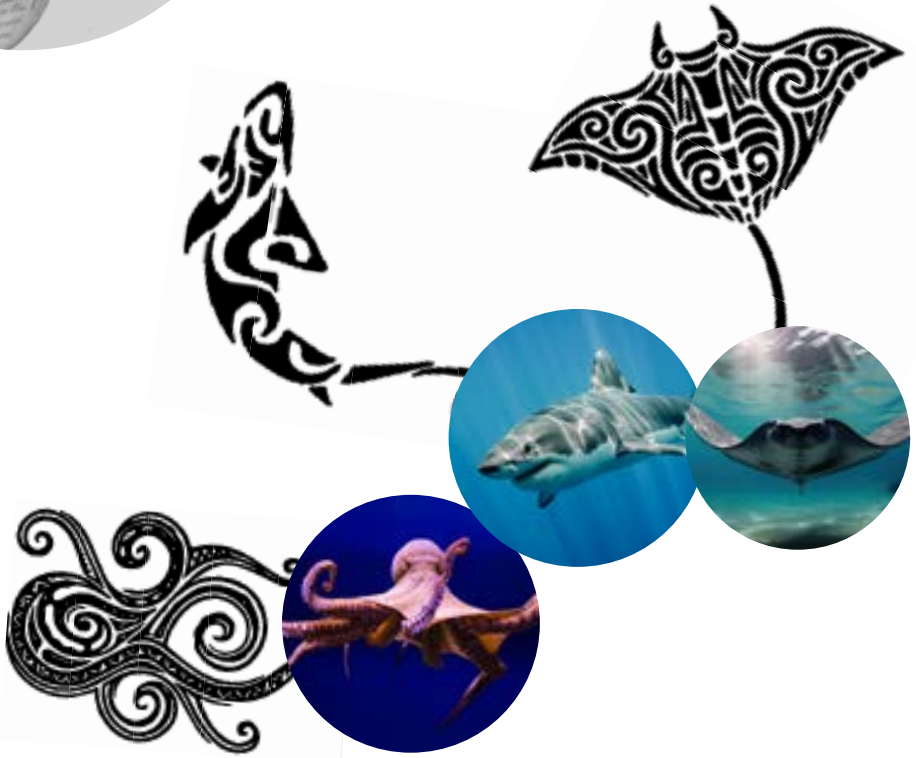
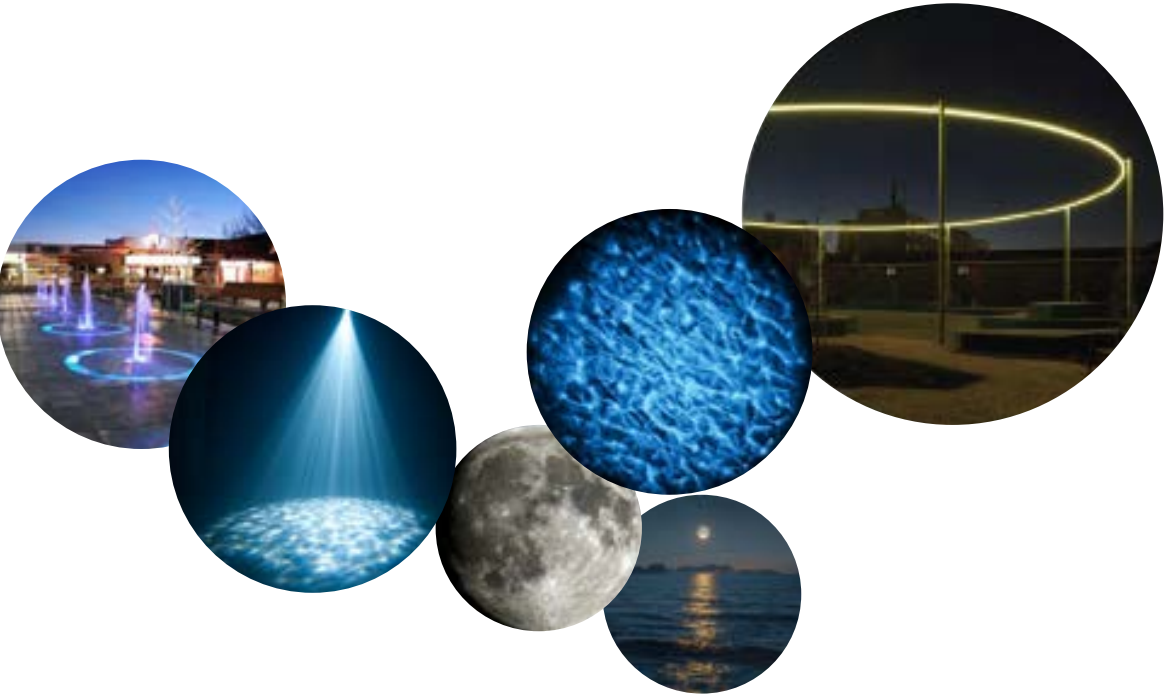
Moremore the son of Pania is also a kaitiaki (guardian) and presents himself in many forms such as Shark, Octopus and Stingray. Moremore takes us on a journey, that will lead us through stages 2 & 3 of Emerson Street where the designs, colour, resting places and planting will be a representation of Rūaumoko who is the god of earthquakes and volcanoes, and the rumblings that disturb the land are made by him as he walks about, as in the 1931 earthquake. Rūaumoko is also represented in our Art Deco buildings already existing in Emerson Street, so we will also bring some of that design down to the pavements, seating and structures as Moremore appears a couple of times through these stages leading us to his mother Pania.



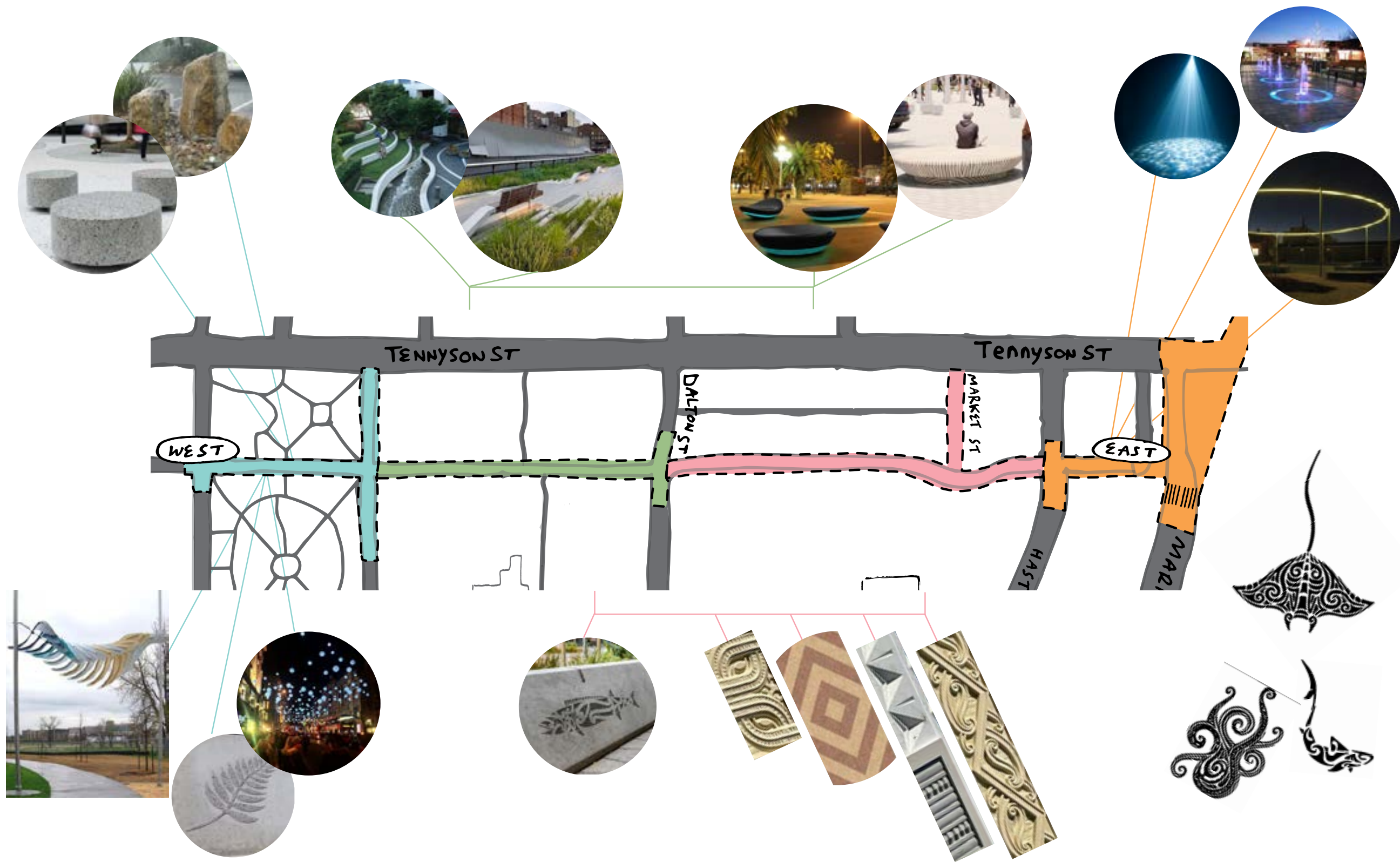
STAGE 4



Stage 4 will connect us back to Tangaroa and Pania. Pania is our connection to the Iwi Ponaturi (Pania’s whānau of Tangaroa) and we will represent Pania and Tangaroa in design, lighting, seating and planting. We will represent “The Hook” Te Matau a Māui (Hawkes Bay) in the seating shape, Moremore will appear one more time as he reveals himself and his mother Pania. Lighting will appear as water, reflecting the stream, that Pania, would swim up to rest in the flax bushes and also where she met Karitoki, her forbidden husband. This also connects us to Tangaroa, the home of Pania and Moremore, and Te Matau a Māui – Hawkes Bay.



VISUALISATION



urbanism_ landscape_ place_



Part 5.0

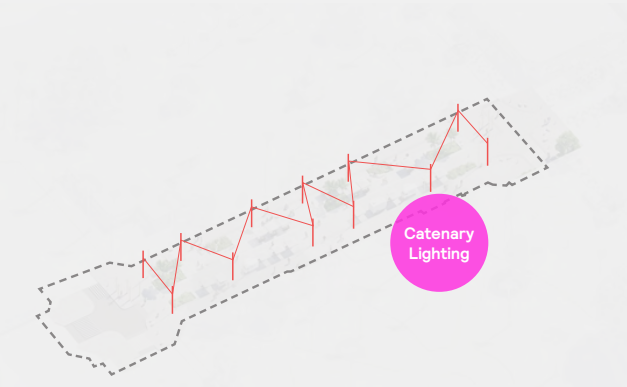
The Zip

—

The Zip – Key Moves

–

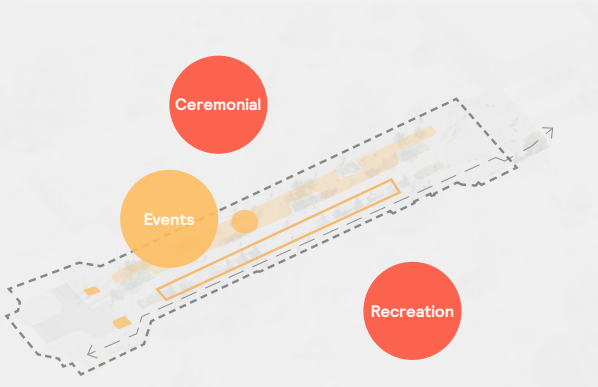
The Zip section of Emerson Street with Clive and Memorials Squares forms the western gateway to the city centre. These places have the potential to be vibrant front doors to the city, better suited for community gatherings, festivals and markets. A city centre open space destination and venue that extends beyond its boundaries to catalyse a new pedestrian priority environment. A space to be immersed in not moved past_



Key move 001

Authentically Ahuriri

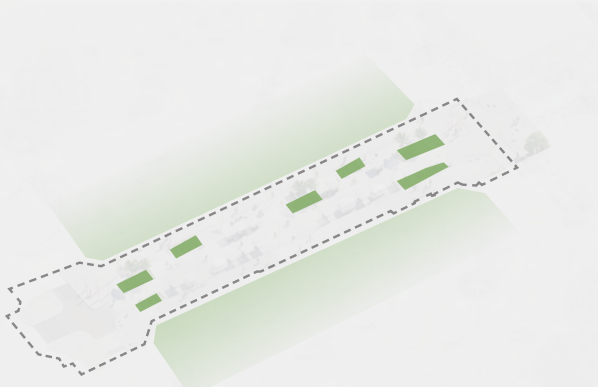
- Create spaces that are authentically reflective of Ahuriri. This includes the aspirations of mana whenua, the local community and the existing architectural heritage.
- Space for culture narrative / with respect to both narrative and existing spaces.
- Gateway to Ahuriri / Napier CBD / Anchor Bookend Emerson.
- Unify the two squares.
- Opportunity for unique feature lighting and other opportunities not available on the rest of Emerson.



Key move 002

Flexible Street

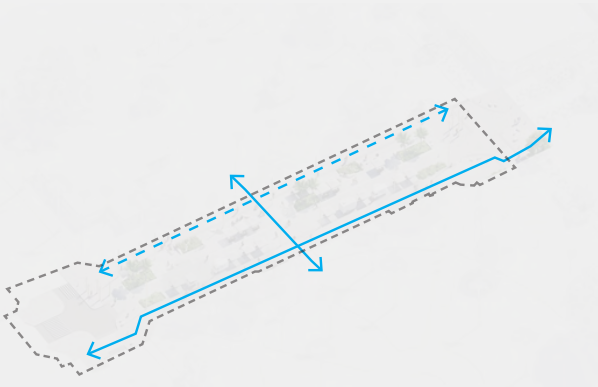
- Flexibility to cater for the everyday, for events, markets, ANZAC day / Friday night fiesta / Saturday urban market.
- Provide a green / relaxed / lunch time destination.
- The Zip activates the space between two Squares which have their own constraints, Memorial Square is Ceremonial and Clive Square is both heritage and manicured.
- The Zip is a variation on the way Emerson is managed. Closed for events – but not closed on a daily basis.
- Potential for flexible parking / event space zone.



Key move 003

Green Street

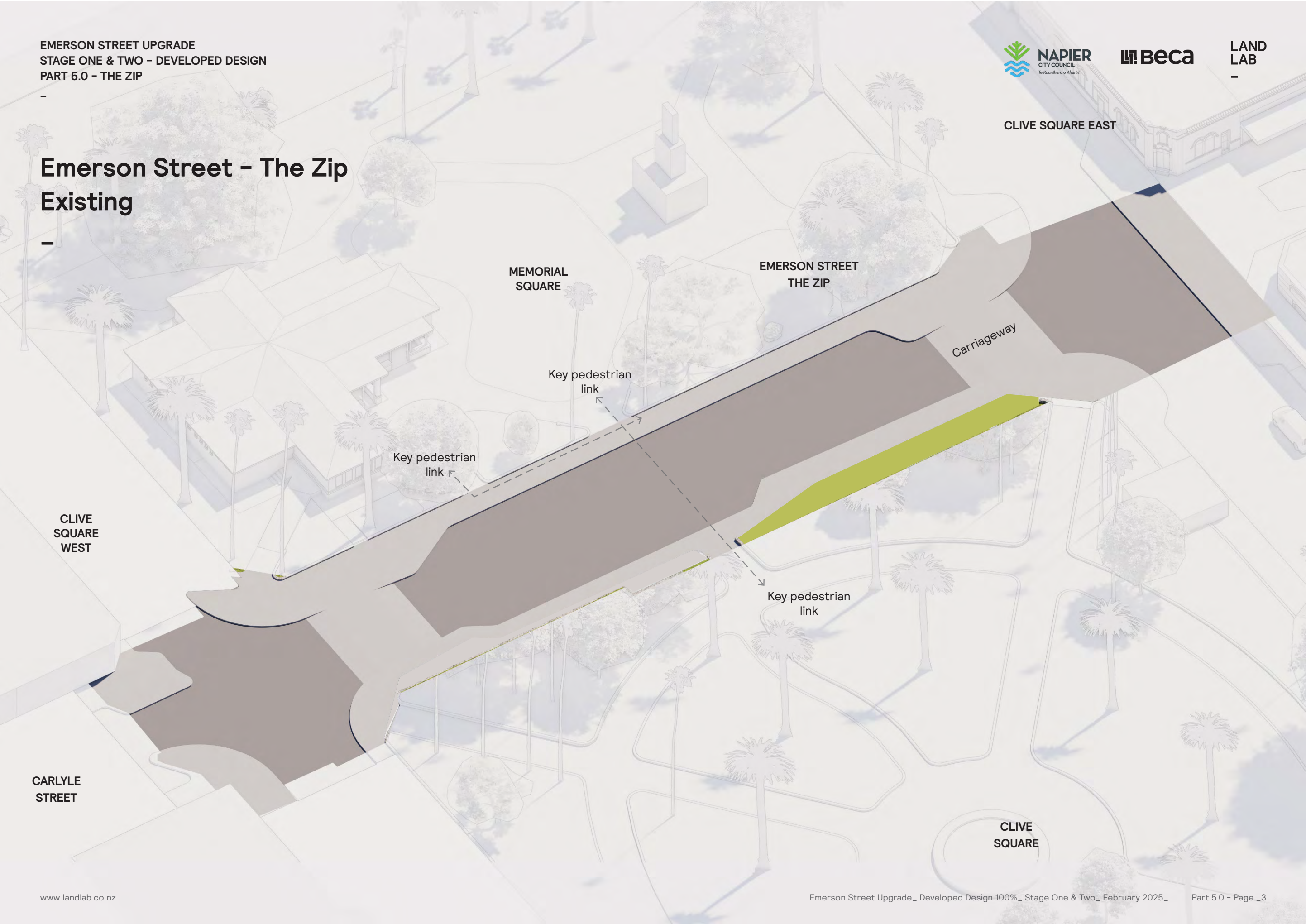
- Establish a green street, linking the formal gardens of the squares to the collection of formal gardens of the foreshore.
- The green squares mean that the Zip does not to be as green as the rest of Emerson.
- A reduced amount of green to provide a counterpoint to the two squares, balanced with the overhanging canopies.

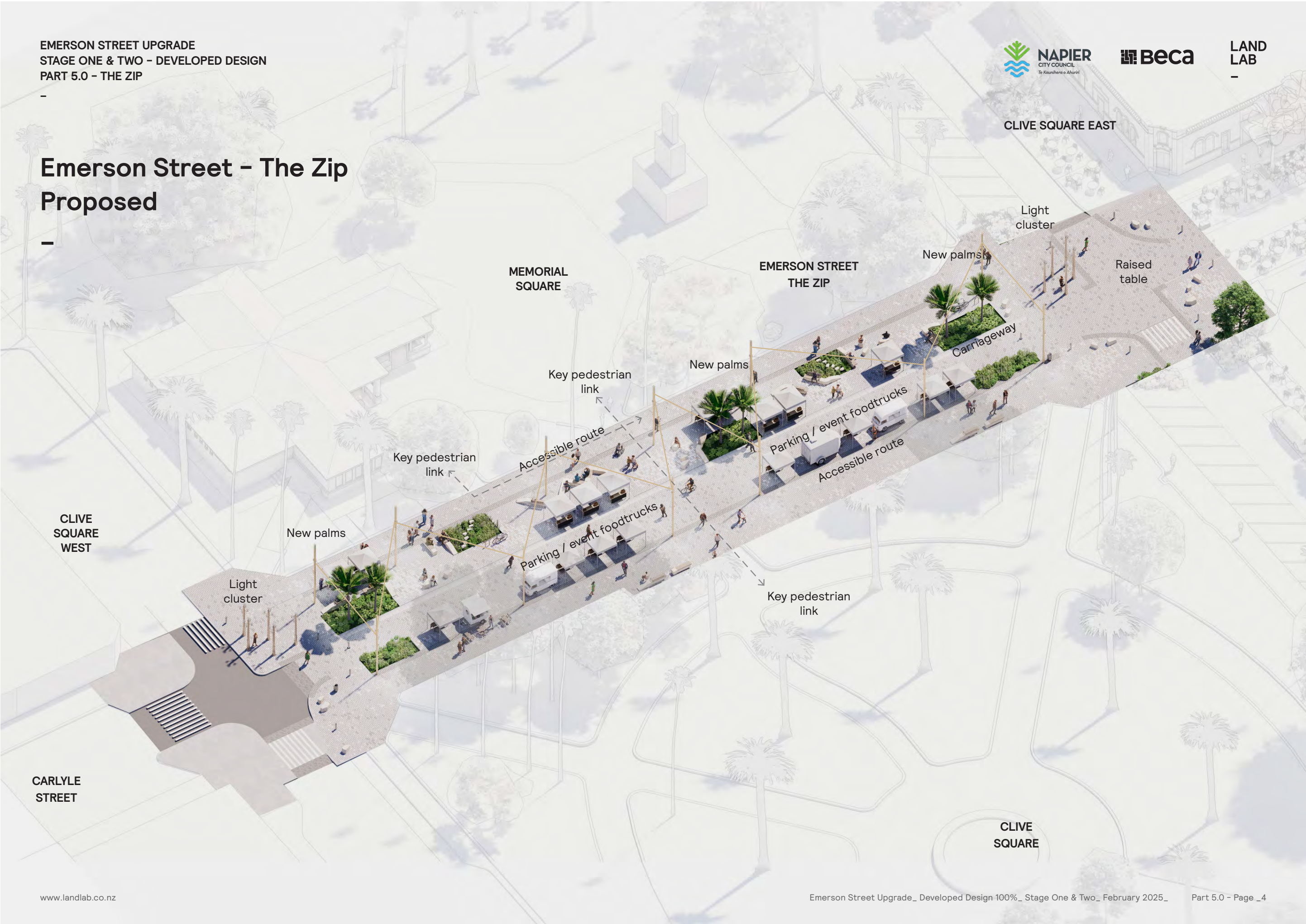


Key move 004

Accessible and Legible

- By improving the legibility of the street and removing obstructions to accessibility will both improve circulation and safety of pedestrians along Emerson Street.
- A cohesive street environment will encourage users to explore the full street environment and the bookend foreshore and squares spaces.
- Flush shared space surface – level with the squares.
- Pedestrian alignment with rest of Emerson Street.





EMERSON STREET UPGRADE
STAGE ONE & TWO – DEVELOPED DESIGN
PART 5.0 – THE ZIP
–

CLIVE
SQUARE
EAST



NAPIER
CITY COUNCIL
Te Kaunihera o Ahuriri



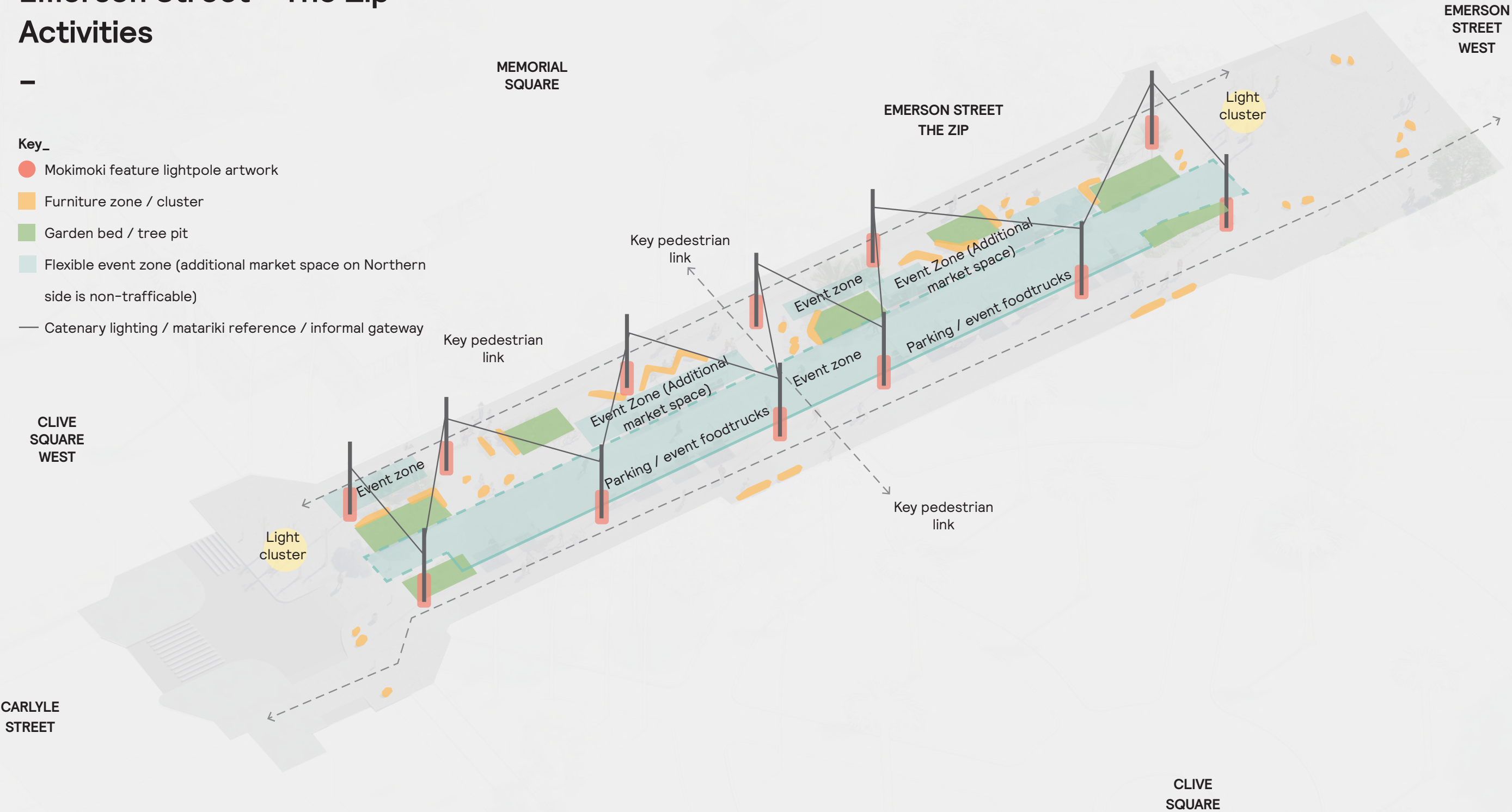
Beca

LAND
LAB
–

Emerson Street – The Zip Activities

–

- Key_
- Mokimoki feature lightpole artwork
 - Furniture zone / cluster
 - Garden bed / tree pit
 - Flexible event zone (additional market space on Northern side is non-trafficable)
 - Catenary lighting / matariki reference / informal gateway







EMERSON STREET UPGRADE
STAGE ONE & TWO – DEVELOPED DESIGN
PART 5.0 – THE ZIP
—

Clive Square East Proposed

—





EMERSON STREET UPGRADE
STAGE ONE & TWO – DEVELOPED DESIGN
PART 5.0 – THE ZIP
–

Clive Square East Activities

–

- Key_
- Furniture zone / cluster
 - Outdoor dining opportunity
 - Garden bed / tree pit
 - Loading zone

MEMORIAL SQUARE

TENNYSON STREET

PORTOFINO

ROSIE O'GRADYS

PROVINCIAL HOTEL

EMERSON STREET WEST

EMERSON STREET THE ZIP

CLIVE SQUARE

BAY COFFEE

BIG BOSS BARBER

TRINITY METHODIST CHURCH

BABY FACTORY

EMERSON STREET UPGRADE
STAGE ONE & TWO – DEVELOPED DESIGN
PART 5.0 – THE ZIP
–



Emerson Street – The Zip Section – Existing

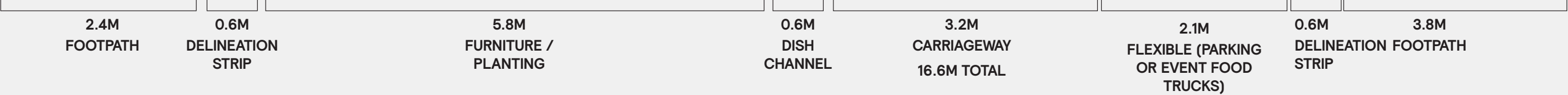
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EMERSON STREET UPGRADE
STAGE ONE & TWO – DEVELOPED DESIGN
PART 5.0 – THE ZIP



Emerson Street – The Zip Section – Proposed









EMERSON STREET UPGRADE
STAGE ONE & TWO – DEVELOPED DESIGN
PART 5.0 – THE ZIP

Emerson Street – The Zip Evening View

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Emerson Street Upgrade_ Developed Design 100%_ Stage One & Two_ February 2025_ Part 5.0 – Page_ 13

EMERSON STREET UPGRADE
STAGE ONE – DETAILED DESIGN
MAHI TOI / CULTURAL DESIGN ELEMENTS
–

Pukemokimoki narrative

–

Design expression

- Reference to Pukemokimoki Island and the fern Mokimoki that grew there.
1. Concept that all the light poles within the Zip form a gateway entry.
 2. A sculptural expression of the Mokimoki fern on the base of the poles.
 3. As a counterpoint – the catenary lighting itself will be recessive, encouraging upwards views to the night sky.

Artwork Review

Sketched, designed and modelled by LandLAB.
To be reviewed by Te Waka Rangapū

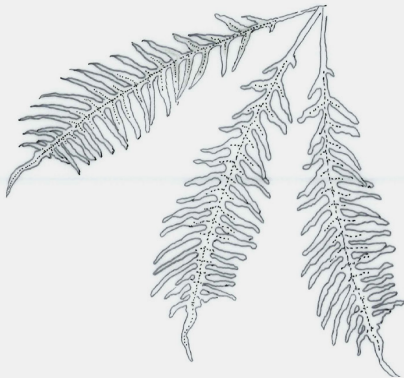
Outline specification

Detail to all catenary poles in the Zip
Laser cut catenary pole collar
1.8m high from base.
Refer Drawing LD-301 for detail.

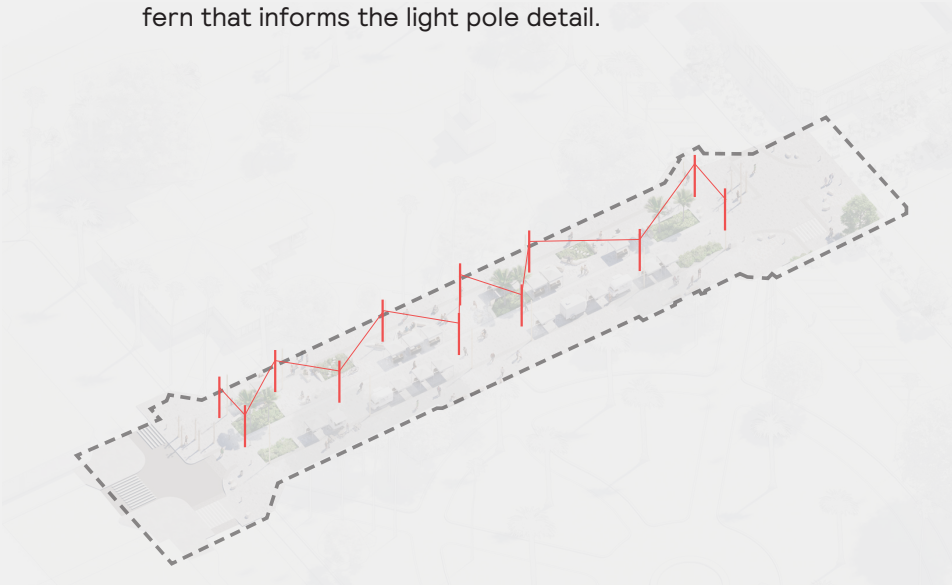
www.landlab.co.nz



Mokimoki design to be sandblasted into pavers or option to be CNC’ed on brass plate 8mm.



Conceptual sketch of the Mokimoki fern that informs the light pole detail.



Concept that all the light poles within the Zip form a gateway entry

Emerson Street Upgrade_ Detailed Design

LandLAB

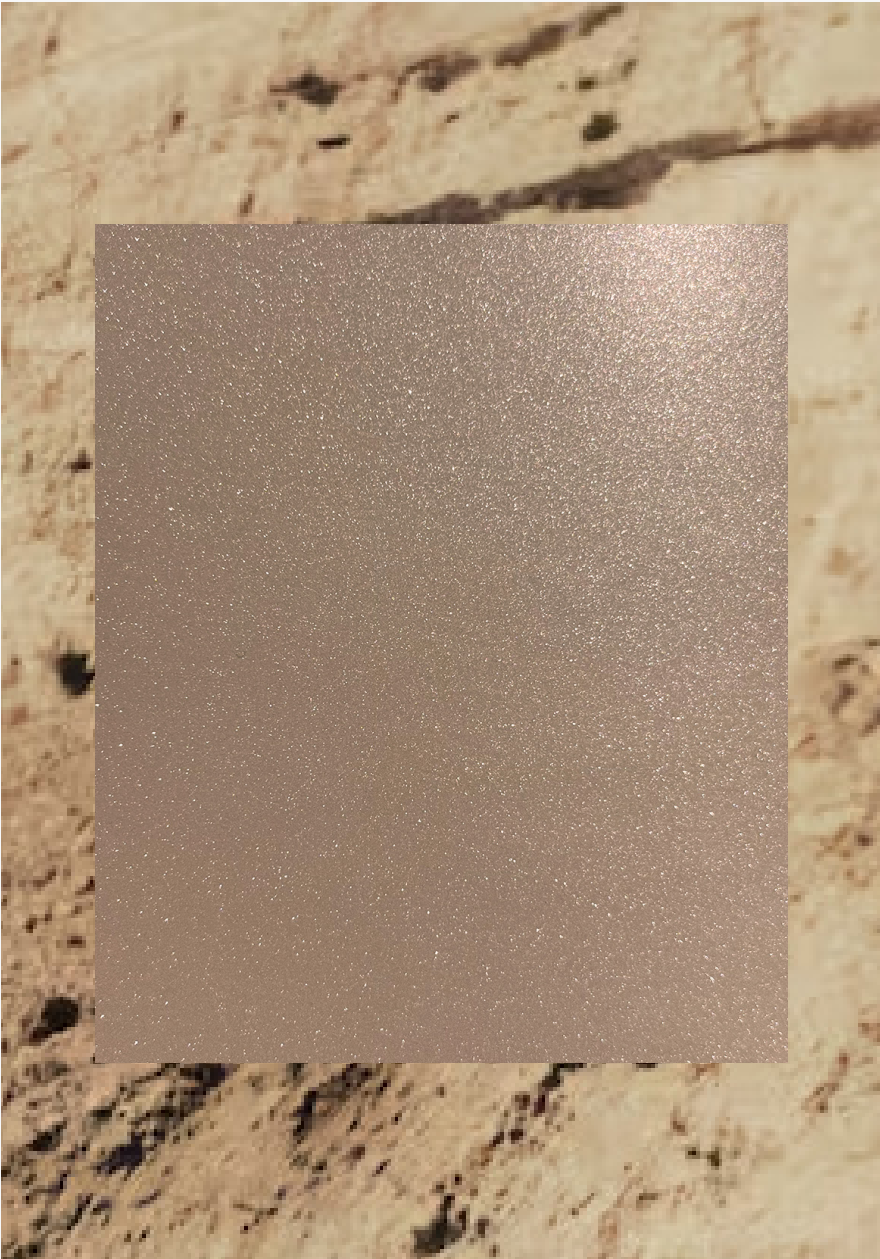
Light Pole Colour

DRAFT

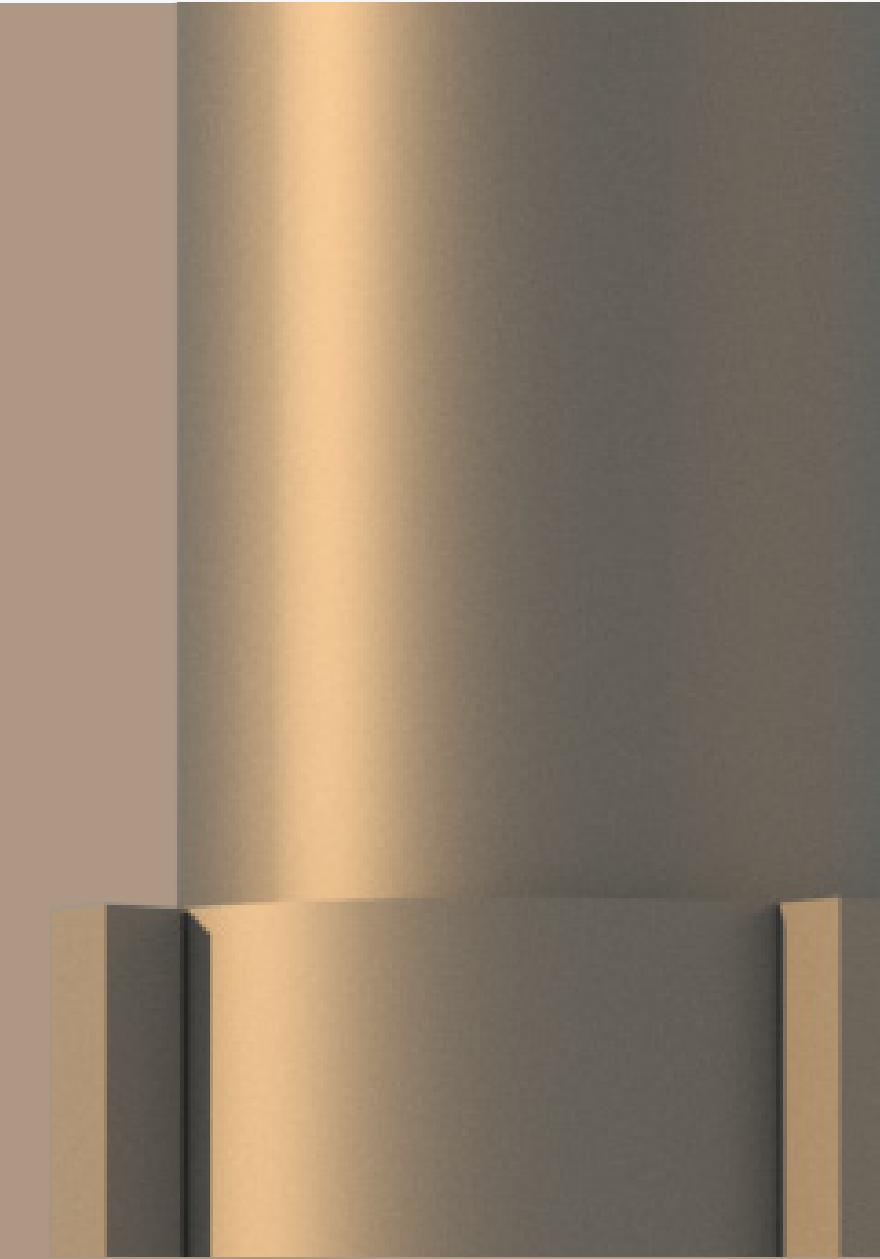
1

Emerson Street Light Pole Colour

Warm tone with coastal / limestone hue.
Intent to be subtle but elegant, with a bit of personality.
To complement the architectural colour palette but not compete with.
Further samples requested from Resene to finalise colour.



Swatch tone
Indicative swatch tone, resene colour of similar tone to be specified.



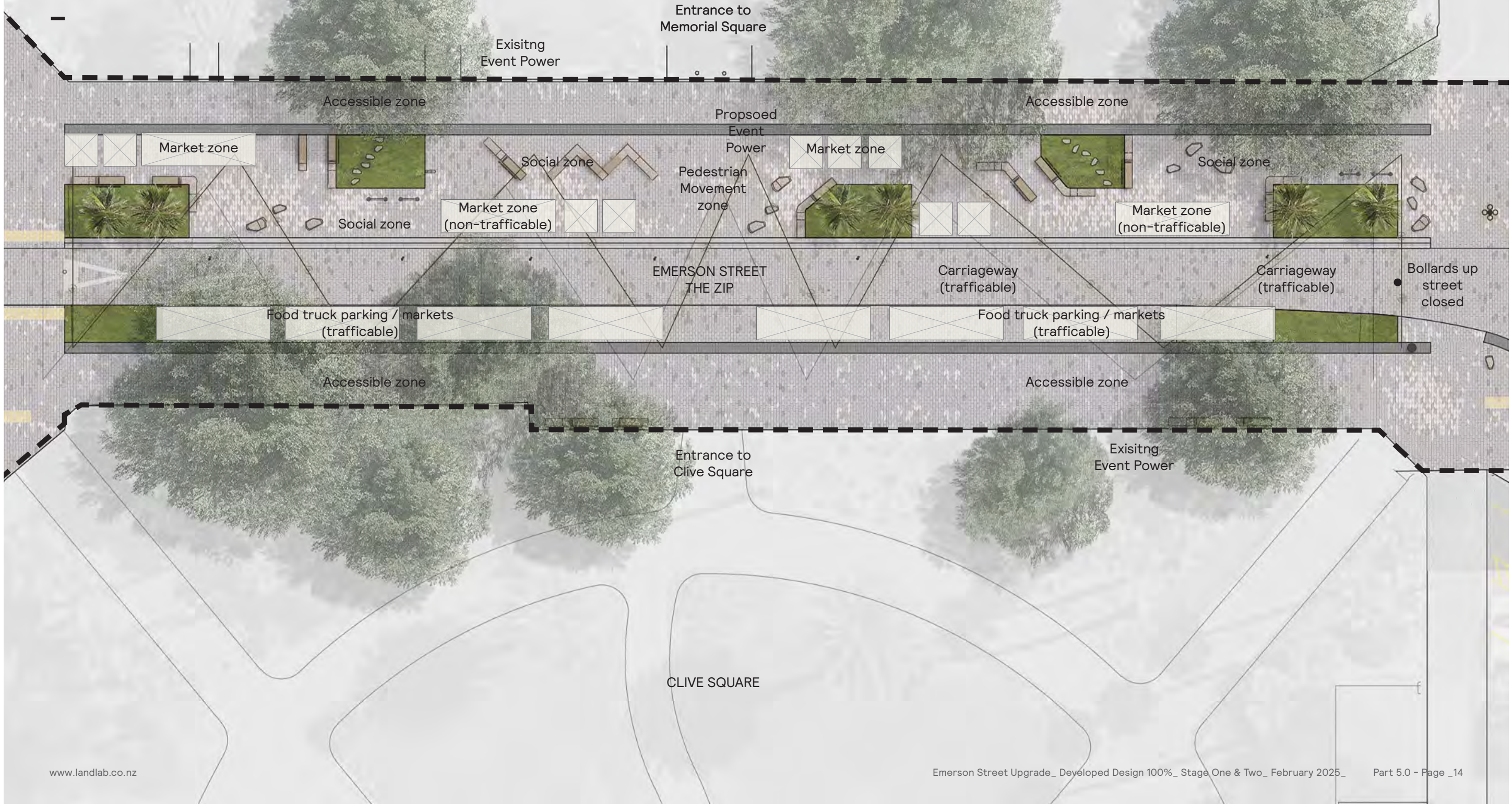
Light Pole
Resene metallic paint finish to be confirmed.





EMERSON STREET UPGRADE
STAGE ONE & TWO – DEVELOPED DESIGN
PART 5.0 – THE ZIP

Emerson Street – The Zip Detailed Site Plan





EMERSON STREET UPGRADE
STAGE ONE & TWO – DEVELOPED DESIGN
PART 5.0 – THE ZIP

Emerson Street – The Zip Event Mode

MEMORIAL
SQUARE

Entrance to
Memorial Square

Exisitng
Event Power

Accessible zone

Accessible zone

Propsoed
Event
Power

Pedestrian
Movement
zone

Market zone

Market zone

Social zone

Social zone

Social zone

Market zone
(non-trafficable)

Market zone
(non-trafficable)

Pedestrian area (when street is
closed from vehicles)

EMERSON STREET
THE ZIP

Pedestrian area (when street is
closed from vehicles)

Carriageway
(trafficable)

Bollards up
street
closed

Food truck parking / markets
(trafficable)

Food truck parking / markets
(trafficable)

Accessible zone

Accessible zone

Entrance to
Clive Square

Exisitng
Event Power

CLIVE SQUARE



EMERSON STREET UPGRADE
STAGE ONE & TWO – DEVELOPED DESIGN
PART 5.0 – THE ZIP
-

Emerson Street – The Zip Everyday Mode

Entrance to
Memorial Square

Accessible zone

Accessible zone

Social zone

Pedestrian
Movement
zone

Social zone

Social zone

Carriageway
(trafficable)

EMERSON STREET
THE ZIP

Carriageway
(trafficable)

Carriageway
(trafficable)

Bollards down
street open

Parking
(trafficable)

Parking
(trafficable)

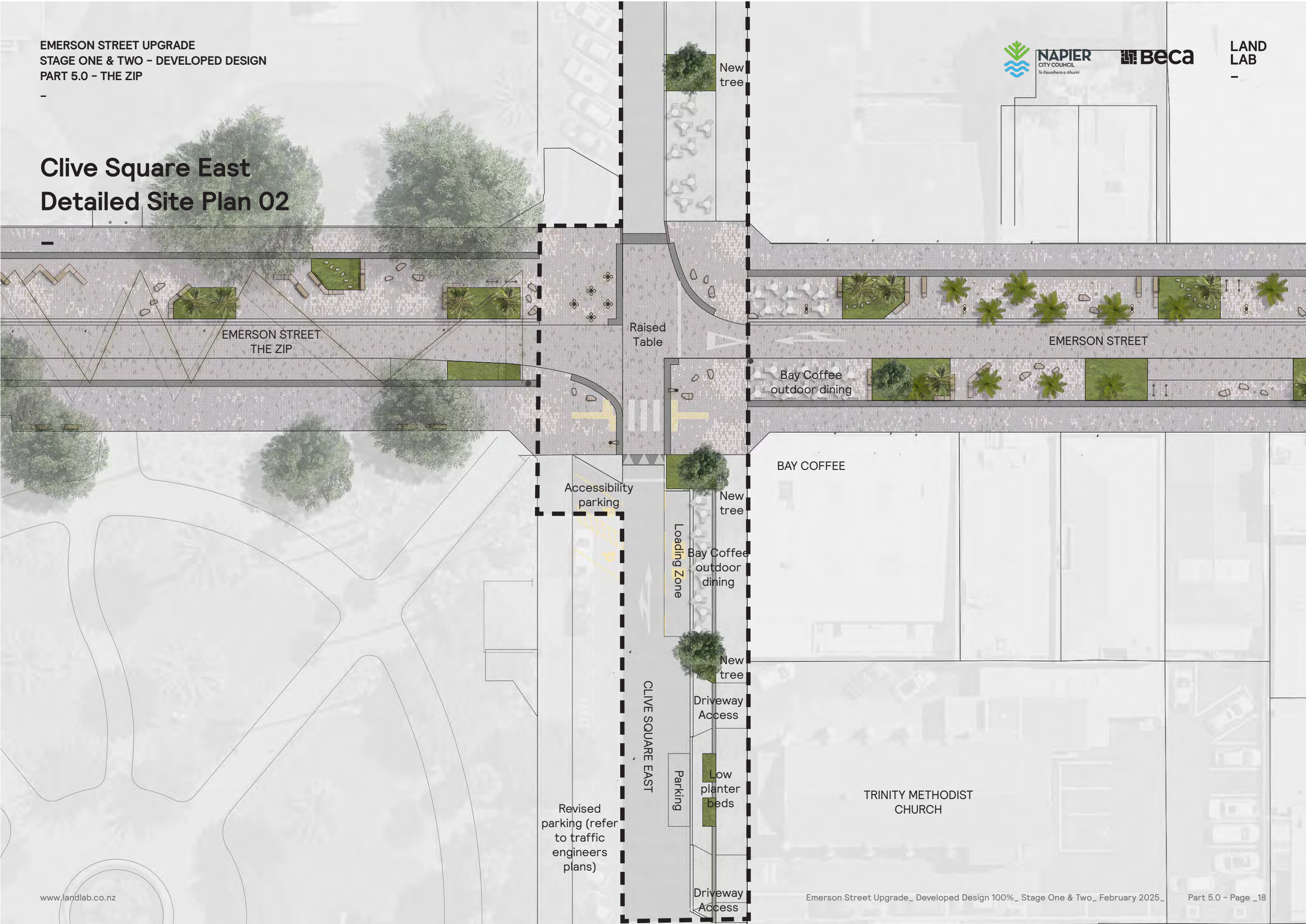
Accessible zone

Accessible zone

Entrance to
Clive Square

CLIVE SQUARE





2. NAPIER DRINKING WATER COMPLIANCE ASSESSMENT FOR 2024 CALENDAR YEAR

<i>Type of Report:</i>	Operational
<i>Legal Reference:</i>	N/A
<i>Document ID:</i>	1847715
<i>Reporting Officer/s & Unit:</i>	Jean Paul Kombara, Drinking Water Quality Lead

2.1 Purpose of Report

The purpose is to inform the Council about the compliance assessment of Napier's water supply for the 2024 year.

Officer's Recommendation

The Sustainable Napier Committee:

- a) **Receive** the report titled "Napier Drinking Water Compliance Assessment for 2024 Calendar Year" dated 03 July 2025.

2.2 Background Summary

The report is based on the interpretation of the Water Services Act 2021 and various regulatory documents published by Taumata Arowai, including the Drinking Water Quality Assurance Rules (DWQAR).

Napier, being a large, networked supply, is required to meet the highest compliance standards (Level 3) across Source water, Treatment, and Distribution categories.

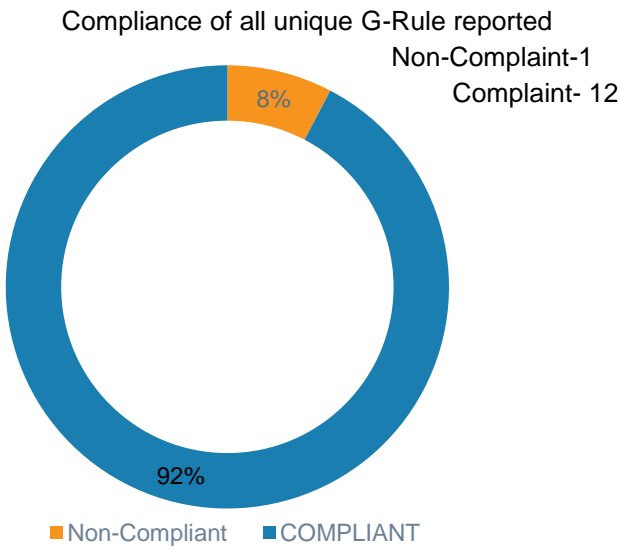
2.3 Issues

The following points highlight the main water quality management areas in relation to Napier municipal supply:

A) Napier water supply compliance summary:

- Napier's water supply is evaluated under four distinct sets of rules: General, Source, Treatment, and Distribution Rules.
- Napier's DWQAR compliance assessment included reporting against 104 individual Rules, however after taking into account the numbers of our different sources and water treatment plants, the final count of Rules reported on was actually 355. Below is a visual presentation on the compliance rates of the Rules, presented per General-, Source-, Treatment-, Distribution-category as well as all Rules reported on, with reasons leading to non-compliance with some Rules.

2024



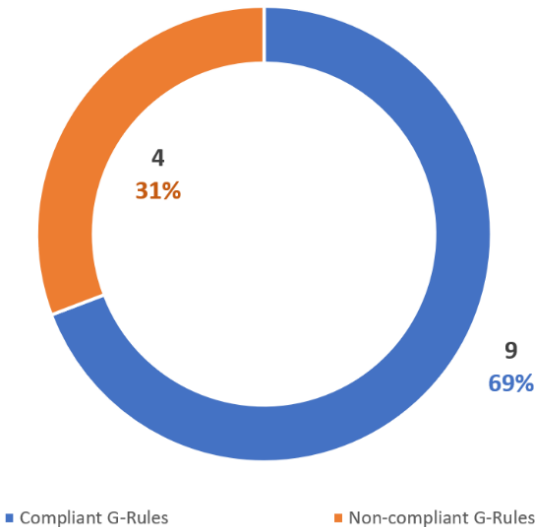
Reasons for non-compliance with G-Rules:

- G11 Rule - Hygiene Code of Practice (Code of Practice Hygiene & Disinfection of Water Systems SOP is in final stage of review and implementation.)

Corrective Action: The Code of Practice for Hygiene and Disinfection of Water Systems SOP is in the final stage of review and implementation to ensure compliance with the G11 Rule by 2026

2023

Compliance rate of all unique G-Rules reported on

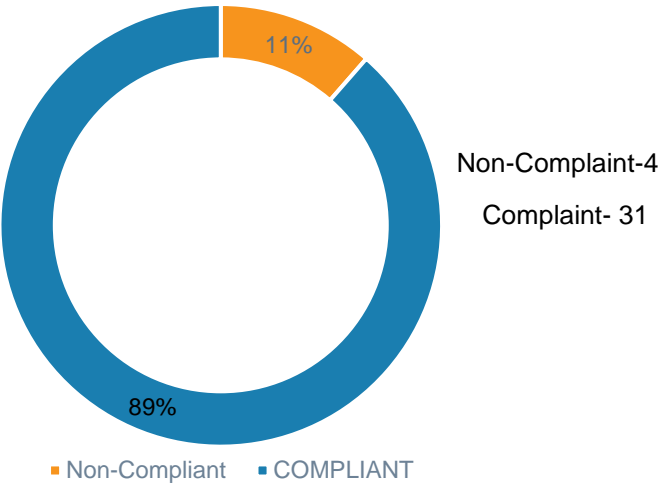


Reasons for non-compliance with G-Rules:

- G3 Rule – Taumata Arowai system to receive reports not operational before first monthly reports were due
- G6 Rule - Labelling samples to the requirements would require extensive works in lab software modification and our reporting software settings
- G10 Rule – Shortcomings in internal training processes
- G11 Rule - Hygiene Code of Practice document in draft format

2024

Compliance of all unique S-Rule reported



Reasons for non-compliance with S-Rules:

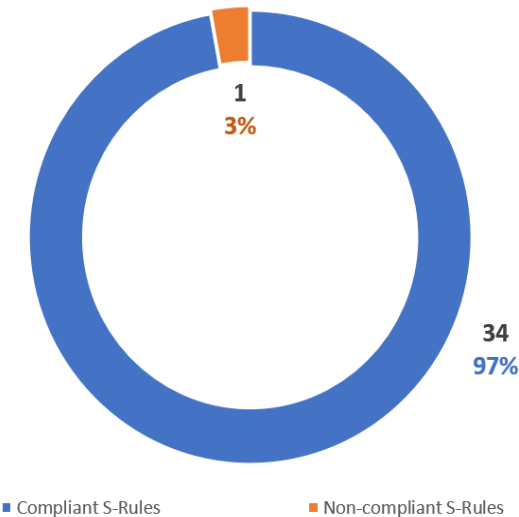
- S3.3-iron, S3.3-mang, S3.3-colo, S3.3-nitr
single sample testing missed.

Corrective Action:

Effective from 2025, all Chemistry testing sample schedules will be sent separately to the laboratory to ensure that no sample testing is missed.

2023

Compliance rate of all unique S-Rules reported on



Reasons for non-compliance with S-Rules:

- S3.3-arsenic Rule – Single ad-hoc chemical sample missed for Arsenic testing at one source

2024

Compliance of all unique -T Rule reported on



Non-Complaint-5
Complaint- 12

Reasons for non-compliance with T-Rules:

- T3.22 Rule – No protozoa treatment in place at T3, T5 and T7 site
- T3.15 Rule -A2, A3 (1 False Flow range monitoring)
- T3.17 Rule (A3 1 False Missing minutes)
- T3.18 Rule (A3 1 False - Missing period)
- T3.16 Rule (A3 -1 False- Missing minutes)

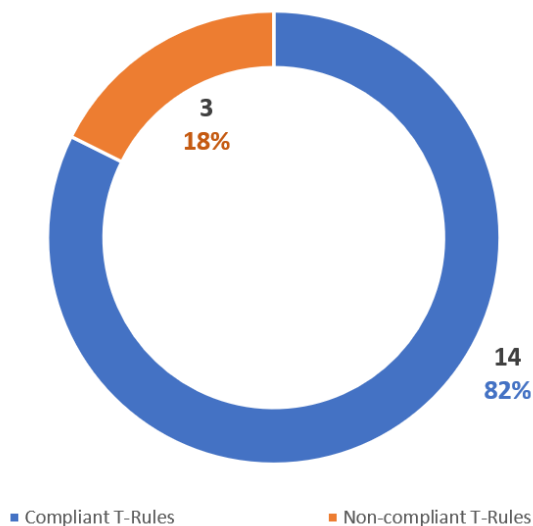
Corrective Action:

Commission the new Taradale and Awatoto bores and associated treatment plants by 2028. The commissioning will ensure compliance with current drinking water legislative requirements, specifically meeting the standards set out in T3.22 Rule — Protozoa treatment.

T3.16, T3.17, and T3.18 rule breaches are due to single missing-minute periods caused by inaccurate date captures in the monitoring system. To provide evidence and prevent recurrence, daily SCADA compliance reports are now emailed to the Drinking Water Quality Lead for review.

2023

Compliance rate of all unique T-Rules reported on

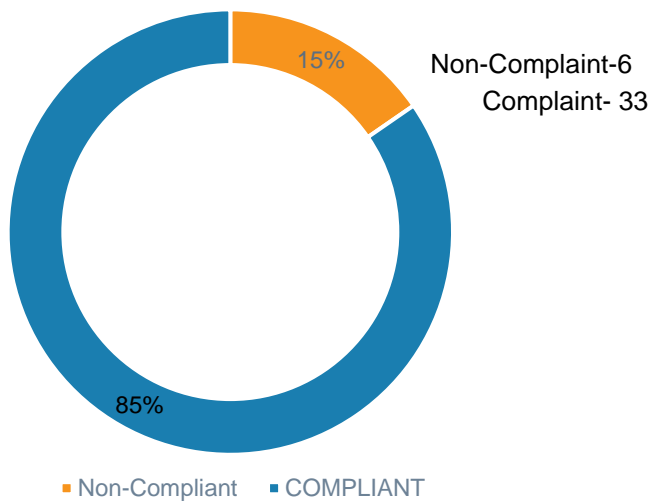


Reasons for non-compliance with T-Rules:

- T3.22 Rule – No protozoa treatment in place at T3, T5 and T7 site
- T3.15 Rule – Missed monthly maintenance events due to Cyclone Gabrielle impact.
- T3.93 Rule - Missed monthly sampling events due to Cyclone Gabrielle impact.
- Absence of bacterial barrier at T2, T3, T5, T6 and T7 sites

2024

Compliance of all unique -D Rule reported on



Reasons for non-compliance with D-Rules:

- D3.1Rule-BackflowPrevention Programme document outstanding.
- D3.5Rule-BackflowPrevention devices assets register missing one parameter (risk level)
- D3.11, D3.12, D3.14 and D3.17 Rule – Water Storage Management Plan document (Covered in the Code of Practice Hygiene &Disinfection of Water Systems under final review and implementation.)

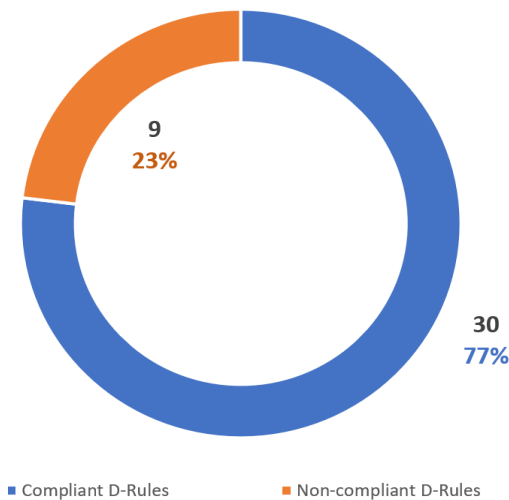
Corrective Action: The Code of Practice for Hygiene and Disinfection of Water Systems SOP is in the final stage of review and implementation to ensure compliance with the G11 Rule by 2026

Backflow Prevention Programme document and Backflow Prevention Asset Register are outstanding. Expected to be completed within 2025 to ensure compliance with the rules in 2026.

D3.12 Rule – The water storage management plan is currently under development and the final version is expected to be completed in 2025

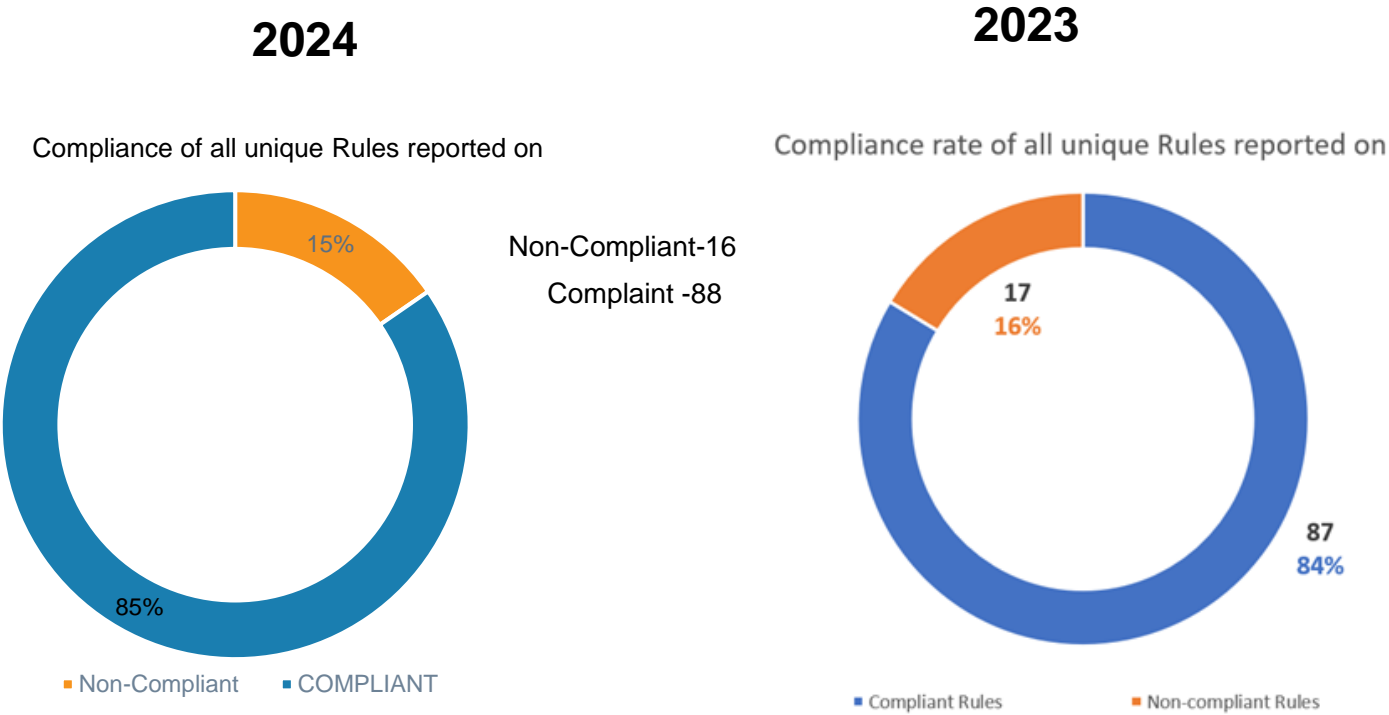
2023

Compliance rate of all unique D-Rules reported on



Reasons for non-compliance with D-Rules:

- D3.1 Rule – Backflow Prevention Programme document outstanding
- D3.5 Rule – Backflow prevention devices' asset register missing one parameter (risk level)
- D3.7, D3.8 and D3.9 Rule – operational activities not clearly defined in Hygiene Code of Practice document
- D3.11, D3.12, D3.14 and D3.17 Rule – Water Storage Management Plan document outstanding



Rule-Wise Comparison

Rule Type	2023Compliant	2023nonCompliant	2024Compliant	2024nonCompliant	Improvement
G-Rules	69%	31%	92%	8%	+23%
S-Rules	97%	3%	89%	11%	-8%
T-Rules	82%	18%	71%	29%	-11%
D-Rules	77%	23%	85%	15%	+8%

Key Observations

- G-Rules show significant improvement (+23%), indicating strong progress in compliance.
- D-Rules also improved by 8%.
- S-Rules and T-Rules, however, saw a decline in compliance.

Final Overall Yearly Comparison

Year	Compliant	Non-Compliant
2023	84%	16%
2024	85%	15%

Net Change in Overall Compliance: +1%

Expected Compliance and Non-Compliance of all unique rules in 2025, given that Corrective Action Implementation leads to 95% Compliance and 5% Non-Compliance, you can summarize the data as below:

Expected Compliance Overview for 2025

2025	Value	Comment
Expected Compliance	92%	
Expected Non-Compliance	8%	

100% compliance can be achieved by 2028, once the new bores are commissioned and all water treatment processes are compliant with the T3 Protozoa Rule & T3 Bacterial Rules.

The 2024 calendar year annual compliance assessment outcomes and shortcomings against the Drinking Water Quality Assurance Regulation (DWQAR) can be summarized as follows:

Compliance Highlights:**1. A2 and A3 Water Treatment Plants:**

- Both were fully compliant with bacterial and protozoa requirements, effective UV treatment as a barrier.

2. Disinfection Residual Monitoring:

- All monitoring results across the network have been favourable and have consistently achieved full compliance.
- This indicates effective disinfection practices, ensuring safe water throughout the distribution system.

3. Microbiological Testing:

- Despite certain non-compliances at specific plants, microbiological testing results in the network have consistently been favourable, demonstrating that the water remains microbiologically safe for consumption.

Shortcomings and Areas of Non-Compliance:

1. Bacterial Compliance (T2, T3, T5, T6, T7):

- T2, T3, T5, T6, and T7 are not compliant with bacterial requirements. These plants are unable to meet the required disinfectant contact time.

2. Protozoa Compliance (T3, T5, T7):

- T2 and T6 met protozoa requirements, but T3, T5, and T7 did not. The main issue here is that these plants are located in underground chambers and cannot qualify as "Sanitary Bore Head" arrangements, which are necessary to meet the protozoa treatment criteria.

Summary:

The key shortcomings lie in bacterial and protozoa compliance at certain plants, particularly T2, T3, T5, T6, and T7. While these plants show non-compliance in specific areas, the overall performance across the network in terms of microbiological water safety remains positive, as demonstrated by favourable microbiological test results. It's clear that while operational challenges exist in meeting all regulatory requirements, the water provided to consumers remains safe.

B) Summary of progress against the WSP Improvement Plan

As on 2023 there were below improvement actions recorded in the Improvement Plan of the WSP:

- Assets category: 3 improvement actions; All improvement action closed out.
- Investigation & Research category: 2 improvement actions; both actions are in progress.
- Operational category: 56 improvement actions; out of 56, 3 closed and remaining actions are in progress.

C) Napier water supply related Customer Complaints summary

Customers' Service Requests (SR) are captured in MagiQ software. From a water quality and risks perspective, the main focus is given to clarity, odour, taste and pressure/flow issues. Numbers of SRs received for each of these categories for period 1 January 2024 to 31 December 2024 are presented in the table below.

Service Request Category	Jan 24	Feb 24	Mar 24	Apr 24	May 24	Jun 24	Jul 24	Aug 24	Sep 24	Oct 24	Nov 24	Dec 24
Quality – Clarity	7	4	4	2	3	0	2	3	1	0	4	0
Quality – Odour	0	0	0	0	0	1	1	0	2	0	1	0
Quality – Taste	0	0	0	0	0	0	1	0	0	0	0	0
Quality – Pressure / Flow	3	0	2	1	2	1	2	1	0	2	2	2

Same water quality parameters are presented in the table below for the last 6 calendar years (2019 – 2024)

Service Request Category	Y19	Y20	Y21	Y22	Y23	Y24
Quality – Clarity	1,330	768	433	396	53	30
Quality – Odour	6	1	4	4	0	5
Quality – Taste	0	9	3	5	0	1
Quality – Pressure / Flow	19	16	26	30	24	18

2.4 Significance and Engagement

N/A

2.5 Implications

Financial

N/A

Social & Policy

N/A

Risk

No risks have been identified.

2.6 Options

The options available to Council are as follows:

- a. The purpose of this report is to present information to Council. Options have not been presented.

2.7 Development of Preferred Option

N/A

2.8 Attachments

Nil

3. TENNYSON STREET STORMWATER OUTFALL IMPROVEMENTS

<i>Type of Report:</i>	Information
<i>Legal Reference:</i>	N/A
<i>Document ID:</i>	1847724
<i>Reporting Officer/s & Unit:</i>	Pious Jolly Xavier, Drainage Planning Lead

3.1 Purpose of Report

To inform on the Tennyson Street Outfall Improvements by outlining the challenges encountered, the short-term mitigation measures implemented by Napier City Council, and progress towards the development of a long-term solution.

Officer's Recommendation

The Sustainable Napier Committee:

- a) **Receive** the report titled Tennyson Street Stormwater Outfall Improvements; and note the challenges faced, the short-term mitigation actions undertaken, and the progress made toward identifying a long-term solution.

3.2 Background Summary

The Tennyson Street outfall, constructed in 2015 based on a design by Takis Koutsos, was intended to service a catchment area of approximately 48 hectares. Despite its strategic role in stormwater management, the outfall has not consistently operated at its intended capacity.

Ongoing challenges- primarily environmental and site-specific- have compromised the effectiveness of the system. While the design accommodates significant flow volumes, actual performance has been hindered by persistent functional limitations.

Napier City Council has implemented several interventions over the years to alleviate these issues. However, these have largely provided only temporary relief due to the inherent environmental constraints of the location.

Council is now turning its focus toward long-term solutions that address the root causes of the system's underperformance. This approach aligns with the broader objective of improving flood resilience in the central business district (CBD) and surrounding areas.

Continued investment in sustainable infrastructure improvements is essential to ensure the Tennyson Street outfall fulfils its intended function within the city's stormwater network.

3.3 Issues

- **Gravel Accumulation Blocking the Outfall**

The Tennyson Street outfall was designed with an end plate and four rectangular overflow slots (orifices) on each side- eight in total- to allow stormwater discharge under varying tidal and flow conditions.

However, the accumulation of gravel and sediment at the outfall has repeatedly blocked these slots, significantly reducing discharge capacity and contributing to upstream flooding.

The figure below illustrates a typical cross-section of the outfall, highlighting the intended overflow slots on either side.

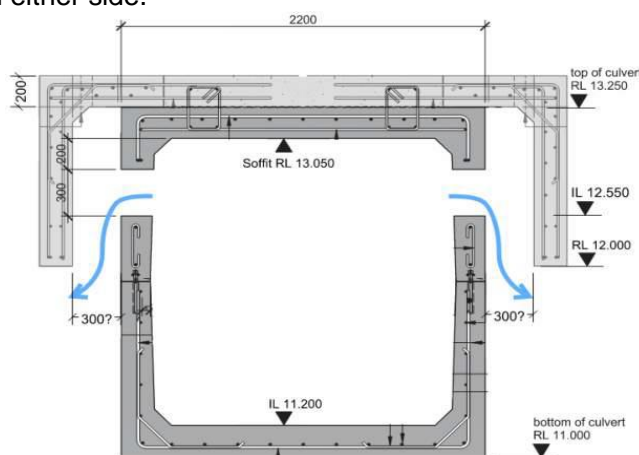


Figure 1 Typical section through 4 No. slots / orifices on either side of the box culvert

In practice, the side slots of the Tennyson Street outfall are frequently partially or fully obstructed by beach gravels. This blockage limits the functionality of the outfall and reduces its ability to discharge stormwater effectively. The figure below provides an example of this issue, including a schematic mark-up showing the position of the side orifices in relation to a relatively high beach profile.



Figure 2 June 2021 showing all side orifices blocked

- **Surge Lid Displacement**

Manhole cover D-MH-009854 was displaced during the 13 July 2022 storm event due to surge pressures within the pipeline. The surge was exacerbated by the detachment of the outfall's end plate, which allowed wave-induced pressures to travel more freely up the

pipe system. This event highlights the vulnerability of the network to backflow and pressurisation during high-energy coastal conditions.



Figure 3 Location of popped manhole (D-MH-00984)

- **Extent of material within outlet pipe**

In November 2022, inspections revealed that the Tennyson Street outlet pipe was nearly full of beach gravels at the discharge point. To assess how far the material had migrated upstream, Napier City Council (NCC) inspected manhole D-MH-010185. The inspection found approximately 30 mm of accumulated material within the manhole, which appeared to be sandy or silty in nature rather than coarse beach gravels. This suggests the gravels are largely confined to the downstream end of the outfall.



Figure 4: Extend of beach material getting into outlet

- **Wave Damage and Structural Resilience**

The outlet structure has sustained notable abrasion and wear due to continuous exposure to coarse beach material in a high-energy coastal environment. This ongoing physical impact raises concerns about the long-term durability and resilience of the structure.



Figure 5: Abrasion found on the metal plate



Figure 6: Scouring can be found on the concrete surface due to the waves hitting

- **Flooding**

The rain event on 9 November 2020 was estimated by the Hawke's Bay Regional Council (HBRC) to exceed a 100-year Average Recurrence Interval (ARI) storm. This extreme event resulted in significant surface flooding, highlighting the vulnerability of the Tennyson Street catchment and the limitations of the current outfall system under severe weather conditions.



Figure 1 Tennyson Outfall 24 Nov 2020

3.4 Significance and Engagement

This outfall is a critical asset within the stormwater network. Maximising its discharge capacity would assist in reducing flood risk in the Central Business District (CBD), enable greater diversion of flows to the ocean, and reduce reliance on discharges to the estuary. However, in its current condition, fully utilising the outfall presents operational challenges and poses health and safety risks to maintenance personnel.

Napier City Council is currently prioritising the protection of the structure from tidal and shingle-related damage while progressing the development of a long-term, permanent solution. A number of recent repair and maintenance works undertaken to address these issues are outlined below:

- Mechanical clearing of gravels has been undertaken; however, the outfall fills with sediment again very rapidly.



Figure 8 5 April 2020 (10 days after 26 March 2020 cleaning)

- High Density Polyethylene (HDPE) shields have been installed on either side of the concrete columns to protect against abrasion and impact.



Figure 9 HDPE Shields at the side

- The manhole lid that was displaced during the surge event has been fully sealed to prevent recurrence and eliminate associated safety risks.

Options Toolbox

Napier City Council engaged BECA Consultants to undertake an investigation and develop potential long-term solutions to address the challenges faced by the Tennyson Street outfall.

BECA's investigations identified several possible options, including:

- Installation of non-return valves (e.g., Tideflex, WaStop, or similar).
- Extension of the outfall pipe.
- Raising the outfall or adding an additional high-level pipe.
- External water jetting for sediment removal.
- Increasing the contributing catchment area by diverting additional catchments to the outfall.
- Pressurising the system, either by gravity or pumping.

A brief overview of selected options is provided below.

a) Non-Return Valves – Tide flex

Tideflex valves have the potential to significantly reduce the risk of sediment and debris entering the piped system. There are documented cases where Tideflex valves have performed well in environments subject to substantial material build-up, with valves partially buried yet remaining functional.

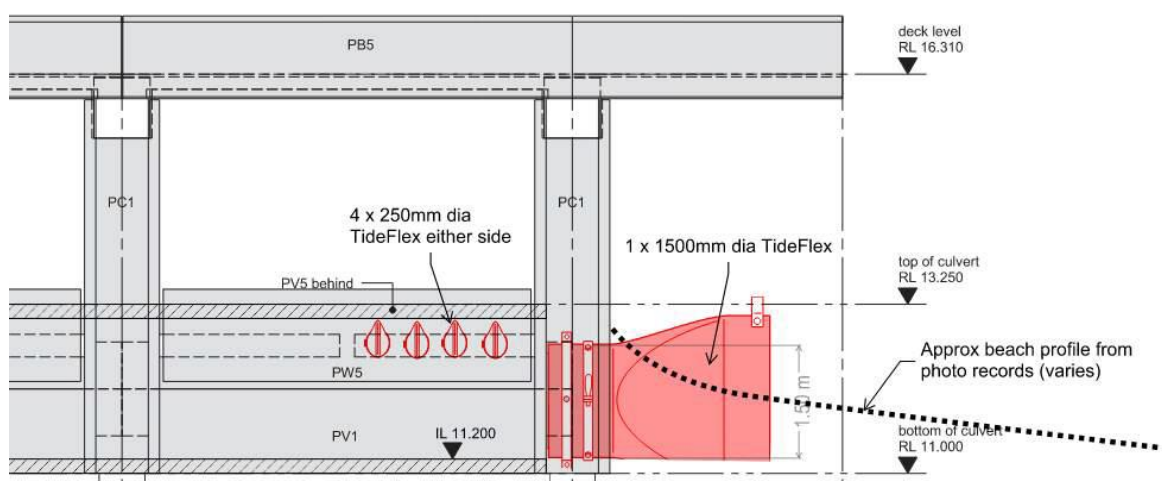


Figure 10 Schematic of Tideflex Valves on Existing Structure

However, their effectiveness in a beach environment may be limited. Given the relatively low flow currently observed through the outfall, it may be challenging to maintain sufficient pressure to ensure reliable valve operation. Christchurch City Council has installed a Tideflex valve at Sumner Beach, where it is partially buried from mid-pipe to the soffit, demonstrating some degree of resilience.

Advantages:

- Cost effective
- Simple and quick to install

Disadvantages:

- Potentially unsuitable for rough tidal environments due to variable flow and pressure conditions

a) Extended Outfall

The outfall structure would require extension by a minimum of 12 metres (two sections), with an ideal extension of approximately 18 metres (three sections) beyond its current location.

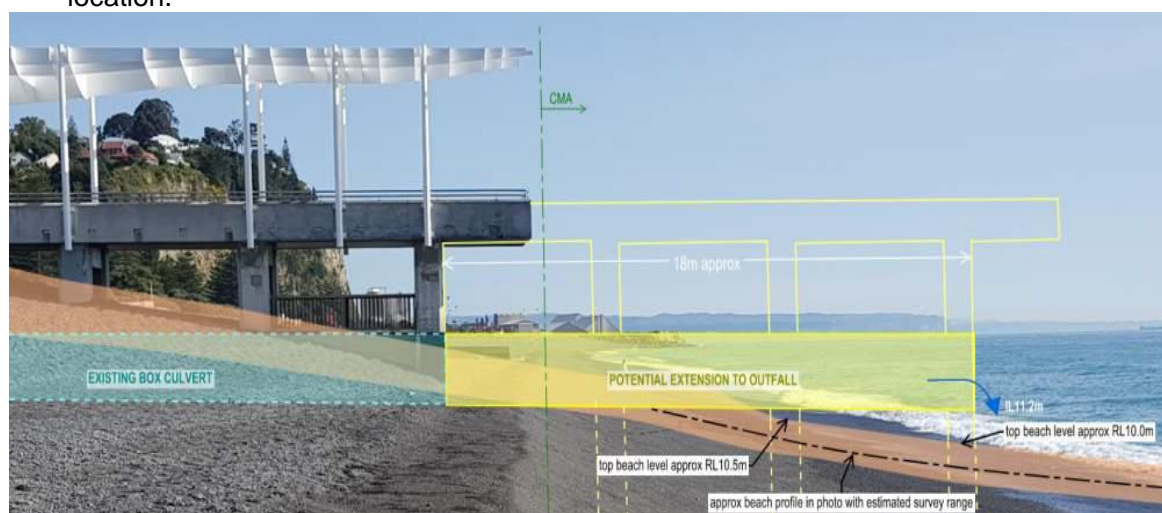


Figure 11 Potential outfall extension

Advantages:

- Generally, an effective solution for improving discharge capacity and reducing sediment buildup

Disadvantages:

- High capital and construction costs
- Potential challenges related to consenting and environmental approvals

b) Additional high-level pipe

An additional discharge pipe could be installed above the existing outfall pipe, with connection to the existing system at a location sufficiently upstream to minimise ingress of beach gravels.



Figure 12 Potential Additional High-Level Pipe

Similar to the extended outfall option, this approach may face consenting challenges. Additionally, the lower section of the existing outfall could still experience blockage issues.

Advantages:

- Provides a partially effective solution by allowing discharge above gravel accumulation zones

Disadvantages:

- High construction and capital costs
- Reduced overall discharge capacity due to the elevated discharge point relative to the existing outlet

c) Pumped Pod Outlets

The concept involves diverting additional catchment areas—such as Milton and Shakespeare catchments located above 15 mRL—towards the Tennyson Street outfall. This diversion would increase flow volumes and improve hydraulic pressure, aiding the scouring and removal of accumulated sediment within the outfall.

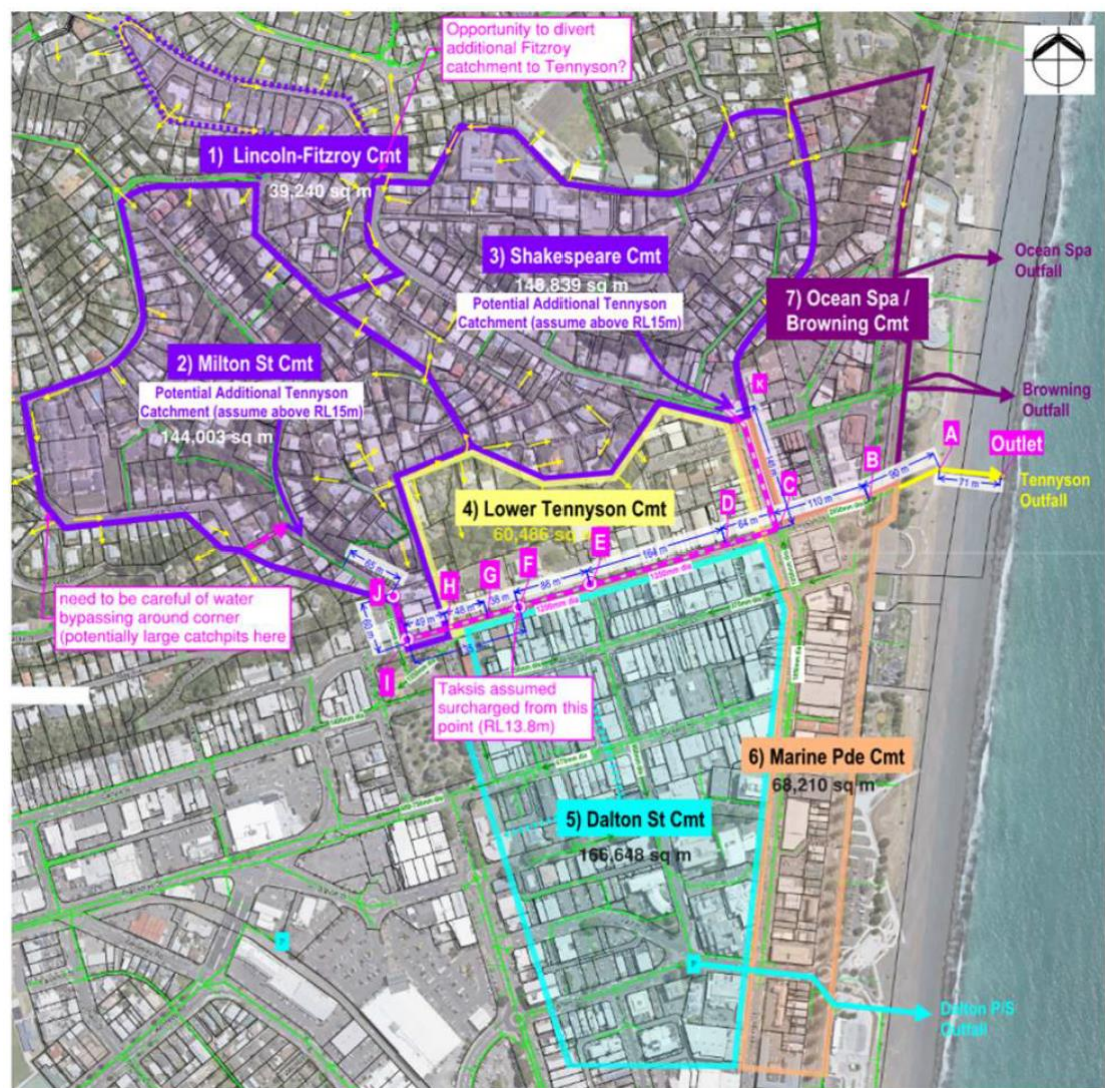


Figure 13 Potential for diversion of Milton and Shakespeare catchments above 15 mRL

The implementation would require significant physical works, including approximately 500 metres of large-diameter pipeline along Tennyson Street and up to 200 metres towards Shakespeare Road.

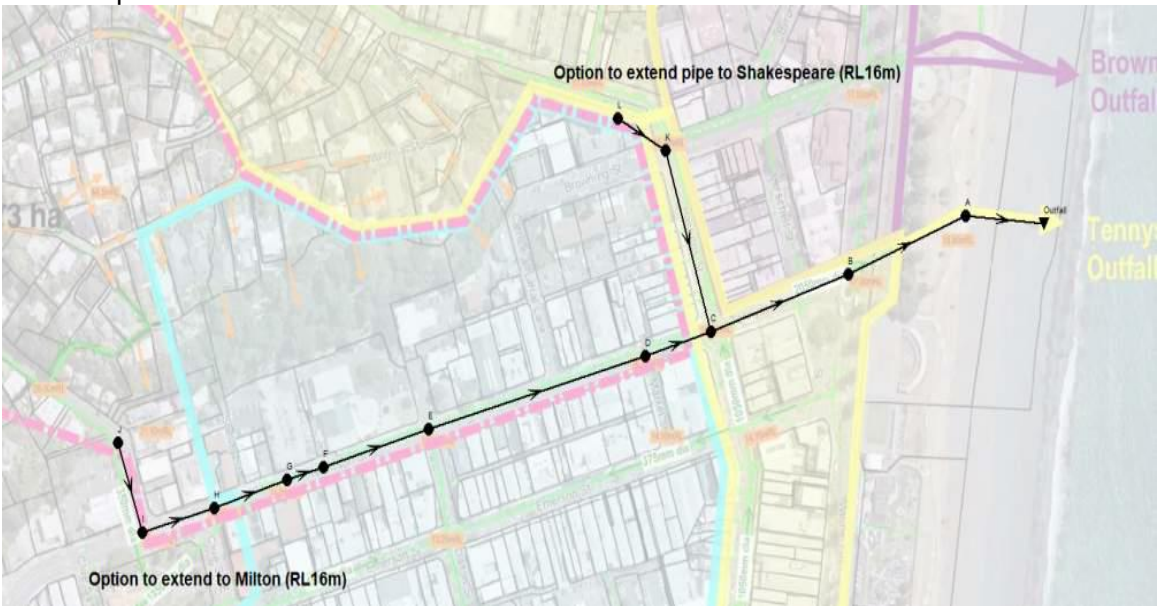


Figure 14 Concept for pressurised gravity to discharge out new elevated pipe

The construction of a pump station at the lower end of the pipeline is proposed to facilitate discharge through the Tennyson outfall.

Alternatively, pumped flows could be discharged via newly constructed surface discharge pods, similar to those successfully operating at the Cross-Country Drain pump station.

A rough sketch is illustrated below.

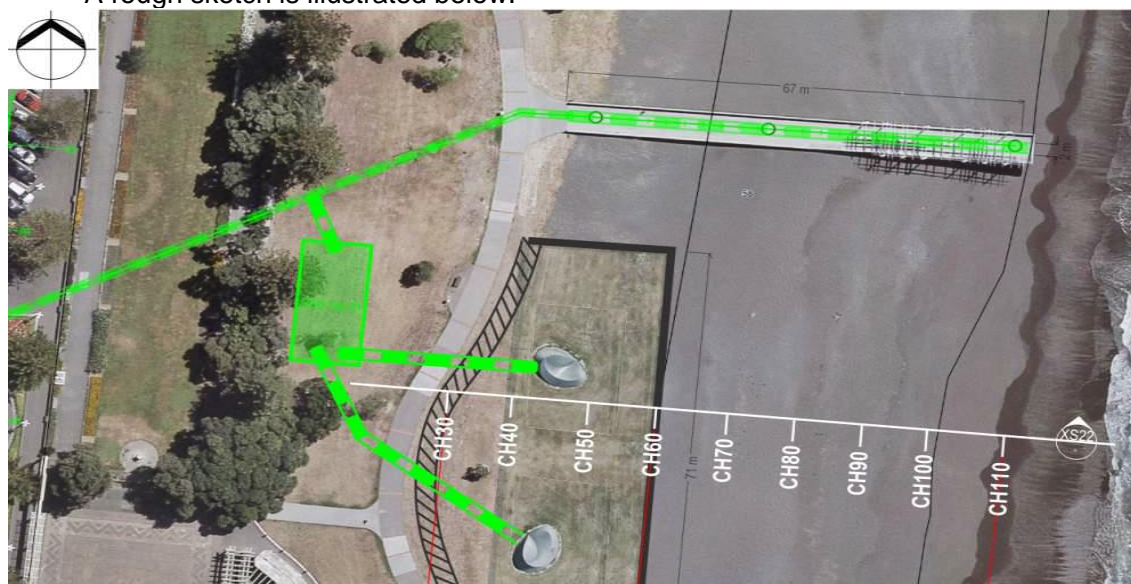


Figure 15 Pump station with Surface Pod Outlet (based on Cross Country Drain P/S) overlain XS22 beach surveys

Advantages:

- Effective solution that diverts a large catchment to the ocean, reducing stormwater flow to the estuary
- Proven technology with existing successful models
- Opportunity for education and engagement of community on resilience infrastructure

Disadvantages:

- High capital and operational costs
- Requires construction of a new pump station within the Marine Parade Recreation Zone, potentially raising environmental and community considerations

3.5 Implications

Financial

- Maintaining the outfall's functionality and repairing damages currently requires support from external contractors.
- The outfall typically becomes blocked within days after clearing, necessitating frequent maintenance to ensure continued operation.

- Based on previous clearing activities conducted 6 to 10 times annually, with each clean costing approximately NZD 6,000, the annual maintenance cost is substantial.
- This frequency may be insufficient to maintain year-round operability, as more frequent clearing could be required.
- Napier City Council has budgeted NZD 4.3 million for the Tennyson Street Outfall Improvements, with NZD 2 million allocated per year over the next two years.
- Final determination of the best value-for-money solution is pending further analysis of high-level cost estimates received from BECA. The total project cost may be within, below, or above the current budget allocation.
- A further report will be presented to Council for approval once the preferred solution has been finalised.

Social & Policy

- Napier City Council has invested significant resources into the current outfall, which, in its present state, functions more as a viewing platform than as an effective flood alleviation asset for the related catchments and streets.
- Restoring the outfall to efficient operation will enhance the Council's social standing and improve levels of service by reducing flood risk to properties and roads—critical for the wellbeing of local residents and the viability of businesses in the affected areas.

Risk

- The risk of flooding in key streets during high rainfall events will persist if no remedial action is taken, potentially impacting residents and businesses and exposing the Council to significant financial liability.
- The asset's lifespan will be significantly reduced due to ongoing deterioration.
- Napier City Council faces escalating costs associated with corrective maintenance, which may increase over time, representing a financial risk as well as operational and safety challenges for maintenance personnel.
- The outfall's impaired functionality places additional strain on other catchments and stormwater infrastructure, potentially exacerbating flooding risks during severe weather events.

3.6 Options

- This report is for information purposes only.

Following analysis of potential permanent and long-term solutions, Napier City Council commissioned BECA to provide high-level cost estimates based on a multi-criteria analysis that combined various options.

The high-level cost estimates have been mentioned below.

Option	Current Catchment	Extended Catchment	Notes
I – Raised	\$1.4M	\$6.0M	
M – Pumped	N/A	\$20.5M	Includes redirection of Hastings St
K – Gravity head	N/A	\$12.7M	
A - Existing	\$0.8M	\$5.4M	

Table 1 - High Level Cost Summary

Costing Notes:

- Estimates are at Class 5 level, with an accuracy range of -50% to +100%, in accordance with the AACE Cost Estimation Guidelines.
- A 20% contingency allowance is included to address unforeseen details and further scope development within the current project framework. This contingency is expected to be allocated to project scope and should not be considered discretionary.

3.7 Development of Preferred Option

The purpose of this report is to provide an overview of the issues affecting the Tennyson Street Outfall and the potential solutions under consideration.

The Napier City Council 3 Waters team will undertake a detailed analysis of the options, including a comprehensive cost-benefit assessment. Upon completion of this optioneering process, the preferred solution will be presented to Council for formal approval in 6 month's time.

3.8 Attachments

Nil

4. THREE WATERS CAPITAL DELIVERY PROGRAMME UPDATE

Type of Report:	Information
Legal Reference:	N/A
Document ID:	1859540
Reporting Officer/s & Unit:	Vonnie Archibald, 3 Waters Programme Manager Hansika Iranthi, Programme Planner

4.1 Purpose of Report

To provide Council with a programme update covering **April and May** for the FY24/25 3 Waters Capital Programme Delivery.

Officer's Recommendation

The Sustainable Napier Committee:

- Receive** the report titled "Three Waters Capital Delivery Programme Update" dated 3 July 2025.

4.2 Background Summary

This report has been prepared to capture the 2024/25 3 Waters Capital Programme, outlining key projects, objectives, and financial allocations. It, along with the 3 Waters dashboard, will compare the physical and financial performance of projects and the overall programme using the most up-to-date available information, including any amended budget details.

The report covers financials for the month of May and captures progress made between April and May.

1.3 Programme Overview

The programme has a total capital budget of \$23.98 million for Year 1 (2024/25). The budget is allocated across all three waters disciplines as follows.

Activity	2024/25 Budget
Water supply	\$ 7,205,673
Storm water	\$7,241,179
Wastewater	\$9,531,596
Total	\$23,978,448

1.4 Programme Delivery Update

For the current 2024/2025 financial year, the total allocated budget for the 3 Waters programme is approximately \$24 million. With just one month remaining in the financial year, the programme is progressing well and remains on track. As of the latest reporting, the total year-to-date (YTD) expenditure stands at approximately \$19,539,560, which represents around 81% of the total annual budget.

Monthly Spend Values:

	Wastewater	Drinking Water	Storm Water
Mar-25	\$1,840,116	\$362,369	\$338,605
Apr-25	\$405,761	\$260,492	\$210,043
May-25	\$588,402	\$432,370	\$747,488

While activity over the past two months has been relatively limited, there is a clear and consistent upward trend in both spending and project delivery throughout the financial year. This gradual increase reflects the natural progression of the programme lifecycle, where initial phases involve planning and procurement, followed by more intensive delivery and construction work in the later stages.

Month	3 Waters Total Year to date spend 24/25 Yr
Jul-24	\$1,017,828
Aug-24	\$2,450,912
Sept-24	\$4,364,202
Oct-24	\$6,775,081
Nov-24	\$8,835,642
Dec-24	\$10,617,589
Jan-25	\$12,851,362
Feb-25	\$14,353,913
Mar-25	\$16,895,003
Apr-25	\$17,771,300
May-25	\$19,539,560



This level of spending indicates that the programme is effectively managing its budget and is likely to meet its financial and delivery targets by year-end. Continued monitoring and delivery over the remaining two months will ensure that final outcomes remain aligned with planned objectives.

The 3 Waters Capital Programme Dashboard provides further details on the status of total spend vs Forecast values within the programme.

1.5 Work in Progress

The Programme update segment on the 3 Waters dashboard outlines current and upcoming work, focusing on key work encompassing priority projects, this segment shows the status of said work.

Projects completed during this reporting round

- The Water Air valves on Watermains project construction completed

The NCC 3 Waters team, in partnership with Fulton Hogan as the main contractor, has successfully completed the modification of five air valves at key locations: two on Eriksen Road, and one each on Tamatea Drive, Taradale Road, and Prebensen Drive.

Previously, the air valves were located below road level, posing a risk of contamination and pipe failure during flooding events. To address these issues, the valves have now been raised above flood level.

This upgrade significantly reduces the risk of water contamination and infrastructure damage, while also improving accessibility for maintenance. The project marks a proactive step toward safeguarding the water network, especially during the flood season.

- The SCADA Base Relocation work completed

As part of Napier City Council's SCADA upgrade, a new SCADA server container has been installed at Cross Country Drain (286 Te Awa Avenue). This container, equipped with air conditioning and fire suppression, houses vital SCADA servers and telemetry systems, and is safely elevated above flood levels.

The project began in September 2024, relocating SCADA servers from the library building to Cross Country Drain, with a final move to Mission Hills planned for mid-2026. The container arrived in May 2025, enabling reliable SCADA operations with standard and dark fibre connections. Hawke's Bay Regional Council is also interested in co-locating equipment at Mission Hills.

This initiative showcases forward planning, adaptability, and cross-team collaboration, ensuring resilient and secure infrastructure.

- Constable Crescent Pump Station upgrade

In May 2025, the Constable Crescent Wastewater Pump Station was upgraded under Napier City Council's new SCADA system. The site, chosen due to outdated technology, now features modern controls, remote monitoring, and improved lighting. Standardisation of equipment simplifies maintenance. This upgrade serves as a model for future renewals, aiming to enhance reliability for up to 15 years.

Contracts awarded during this reporting round

- Mataruahou Reservoir procurement of Detail Design Consultant contract tender awarded to Stantec.
- NCC New Water Take Consent work awarded to Good Earth Matters Consultant.

Projects going through Tender & Tender Evaluation in this reporting round

- Registration Of Interest for the physical works contractor tender for the Taradale and Herrick Culvert Project has been issued to the market.
- Mission Hills Booster pumpstation construction contractor tender issued to market and closed on 13 June 2025; Tender evaluation is on progress.

Projects with Procurement plans signed in this reporting round

- The procurement plan for the physical works contractor for the Carlyle Street Stormwater Improvement Project has been completed and signed.
- The procurement plan for the physical works contractor for the Purimu Pump Station Roof Remediation Work procurement plan has been completed and signed.
- The procurement plan for the physical works contractor for the installation of the Water Quality Monitoring Station has been completed and signed.
- The procurement plan for Principal Advisor for Wastewater outfall & consenting work has been completed.

4.3 Issues

- Proposed organisational changes have had an adverse impact on both project progress and the decision-making process.

Recent organisational changes have had an adverse impact on both the progress of the project and the effectiveness of the decision-making process. These changes have led to a loss of continuity, and disruptions to established workflows.

Therefore, the project team has faced challenges in maintaining momentum and ensuring alignment with the original objectives and timelines.

4.4 Significance and Engagement

The issue for discussion is important in terms of Council's Significance and Engagement Policy and consultation to be considered.

4.5 Implications

Financial

The financial performance of the programme is stated the May 2025 Dashboard.

Social & Policy

N/A

Risk

Significant project risks are reported to Council separately via the Audit and Risk Committee.

4.6 Options

The options available to Council are as follows:

- a. This report is for information purpose only.

4.7 Development of Preferred Option

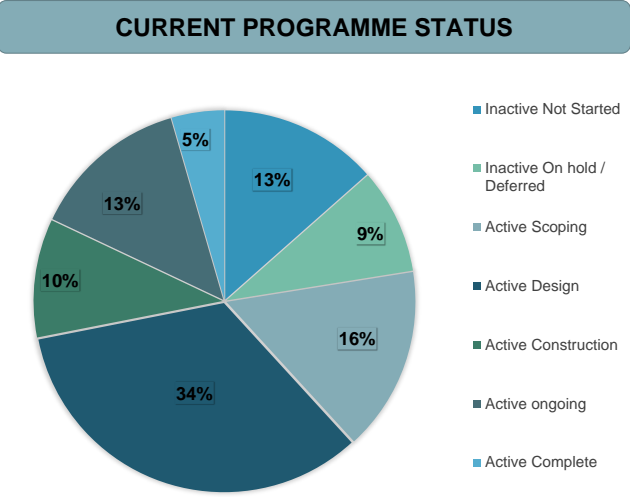
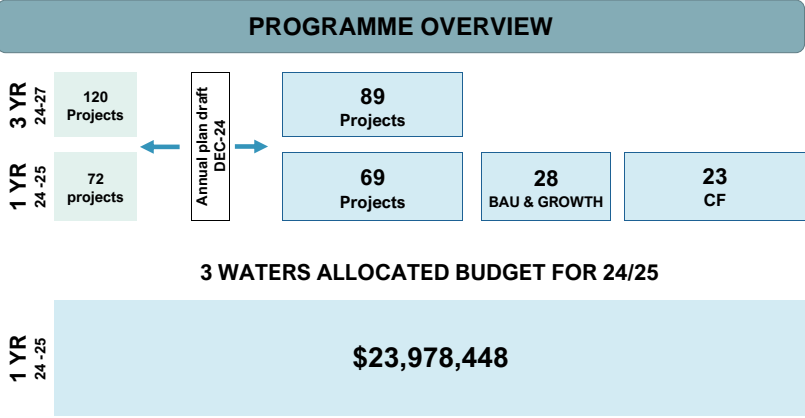
This report is for information purpose only.

4.8 Attachments

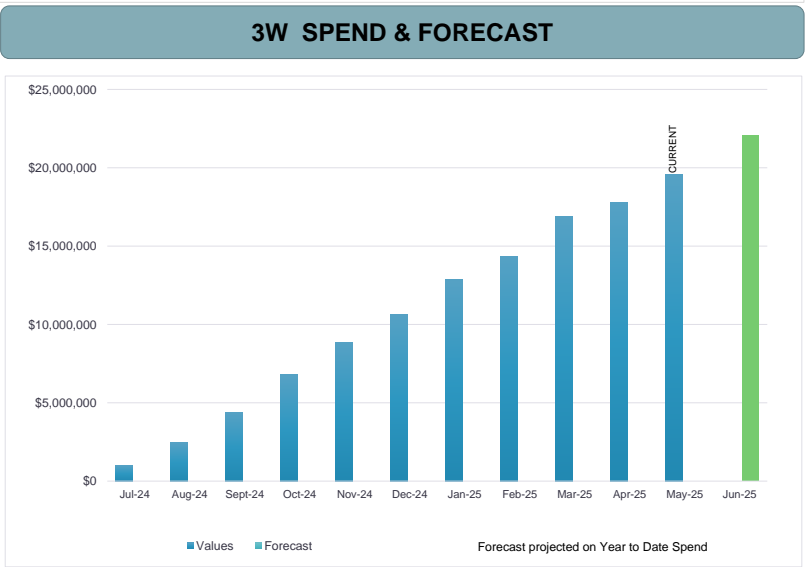
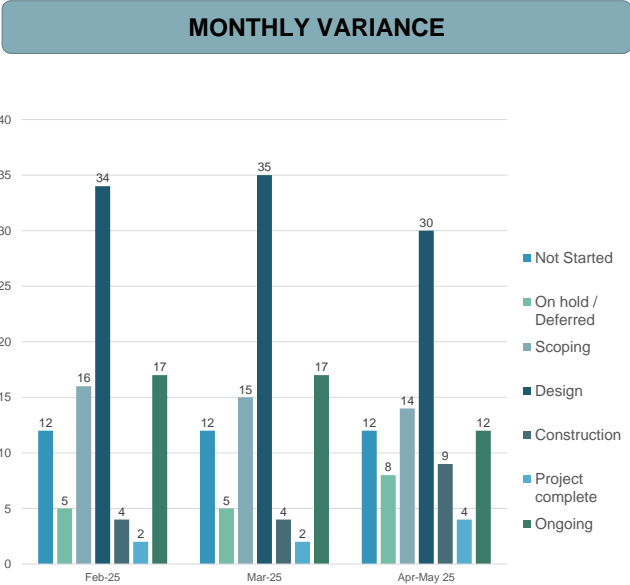
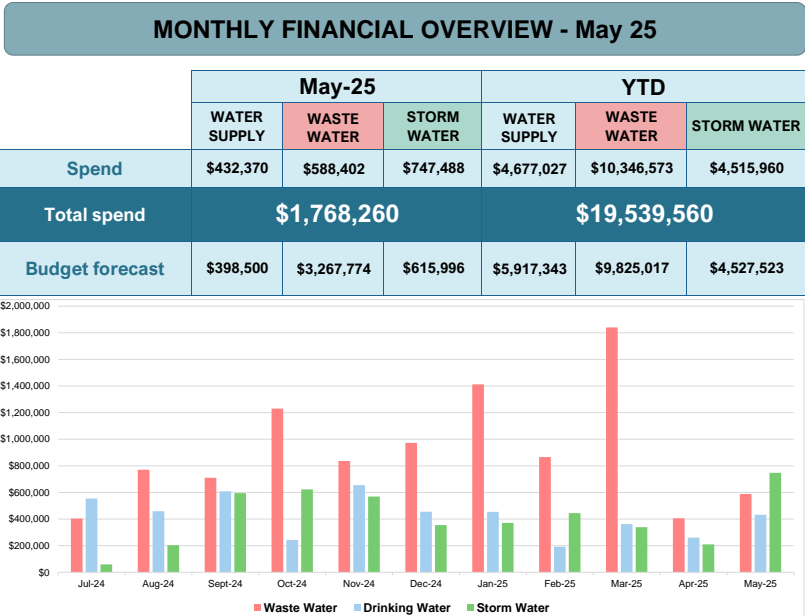
- 1 3 Waters Programme Dashboard - May 2025 (Doc Id 1861070) [↓](#)

NCC 3 Waters Capital Programme - Monthly Dashboard

May 2025

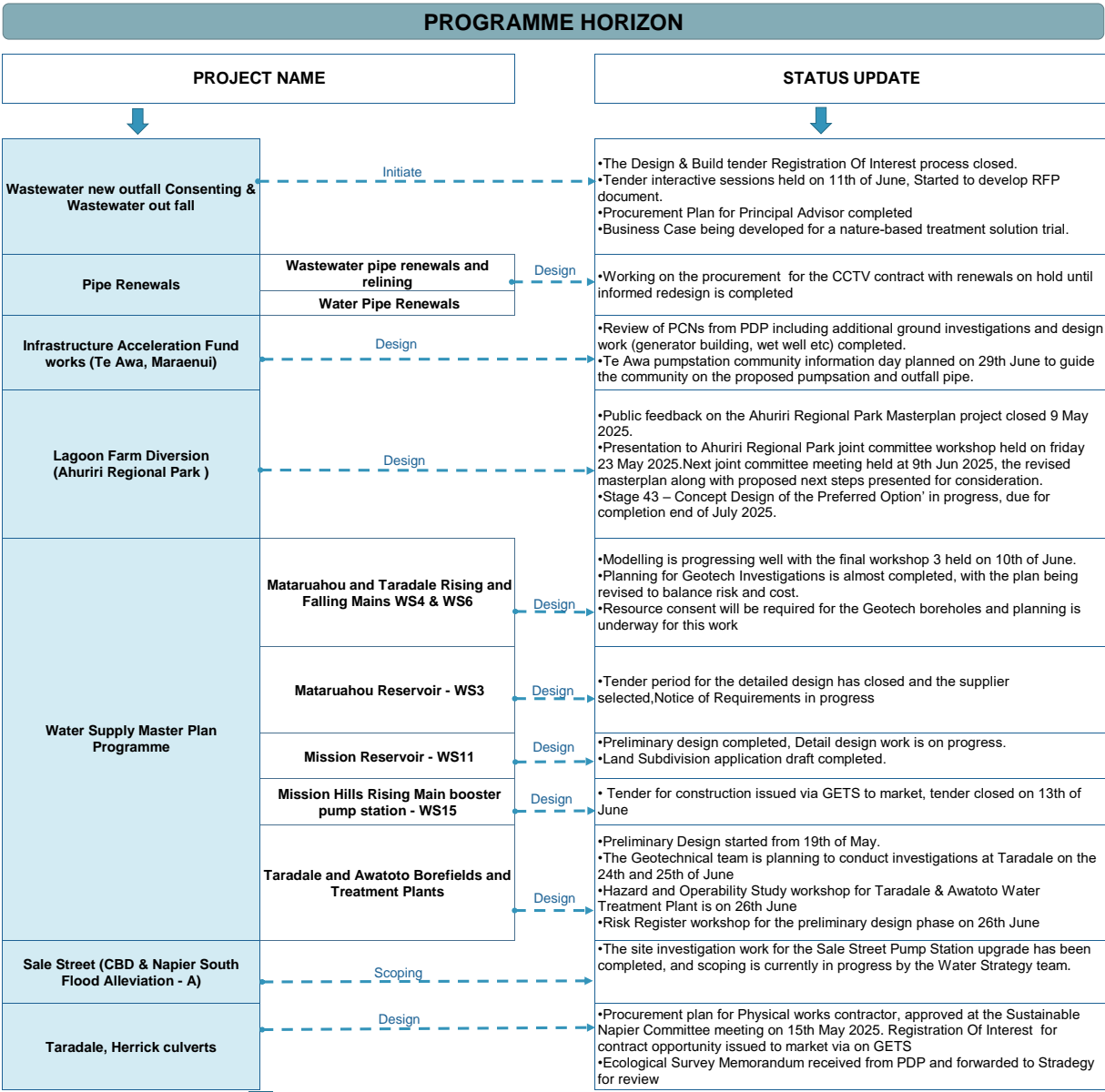


PROGRAMME RISK				
RISK	COMMENTS	Inherent Risk	Residual Risk	MITIGATION ACTION
Risk of Budget variance for the agreed programme of works.	3W Programme not meet the budget and delivery target, lead to various risk both the NCC and the community. •Slow down of progress •Reputational risk to NCC •Impact to partners and stakeholders			According to current financial status updates, the 3 Waters programme is expected to balance within the current programmed budget, and 78% of the programmed work is currently in active status. This highlights that the team is successfully mitigating programme risks and ensuring continuity of the programme of work.
Uncertainty pertaining to the future with Local Water Done Well	Local Water Done Well may cause disruption to delivery			The consultation began on 12th May and will run until 15th June. After the consultation, the team will explore options for both short-term and long-term mitigation actions to develop a robust contingency plan. The focus will be on ensuring regulatory compliance, establishing accountability, and building resilience to maintain better delivery service to the public.
	Local Water Done Well will have major impacts on water services and council			This decision will have significant implications for the governance and operational structure of the council. To minimise risk, the future plan is to align the proposed Three Waters structure with the process to support the Local Water Done Well initiative. This approach will provide the Three Waters team with greater opportunity to align with the initiative.
Proposed redesign has a challenging impact on both project progress and the decision-making processes.	Resulting uncertainty and shifts in responsibilities have led to delays in determining the best options for project progression.			To mitigate the risks, the 3 Waters team is carefully taking action to establish prioritising tasks, and implementing regular monitoring and feedback loops to maintain alignment across teams. •Task prioritisation while focusing on Key projects •Resource Reallocation •Focusing on maintaining standards and processes helps to mitigate the risks associated with change management.



QUICK WINS

Mataruahou Reservoir Detail design tender awarded to Stantec
The Water Supply Air Valves on Watermains project construction completed
Taradale & Herrick Culvert Procurement plan for physical works contractor, approved at the Sustainable Napier Committee meeting on 15th May 2025 ,Registration Of Interest (ROI) for contract opportunity issued to market via GETS
Wastewater new outfall Consenting & Wastewater outfall work Procurement Plan for Principal Advisor completed
SCADA Base relocation work completed





NCC 3 Waters Capital Programme - Monthly Dashboard

May 2025

3W Projects Update		
NOT STARTED		
Project name	Status	Comment
WW_Pandora Industrial Tradewaste Treatment	Not Started	Currently focused on pipeline commissioning
SW_Ahuriri Master Plan Project 3 - improve direct outfalls	Not Started	Environmental team Investigating ways of delivering
SW_Waterway suspended sediment reduction trial	Not Started	Environmental team to identify a resource to proceed



Eriksen Road



Prebensen Drive



Taradale Road

The Air Valves on Watermains: Five underground air valves on the water network were successfully relocated to above-ground cage arrangements this year. This change improves safety, access for maintenance, and long-term performance by reducing the risk of water ingress and corrosion commonly associated with underground chambers.

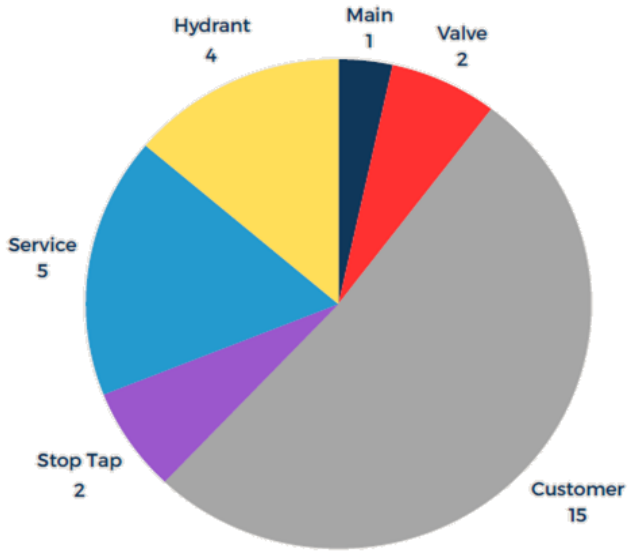


New SCADA Server Container Installed at 286, Te Awa Avenue

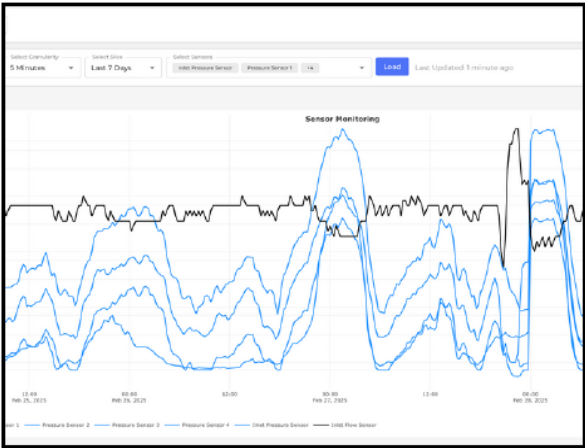
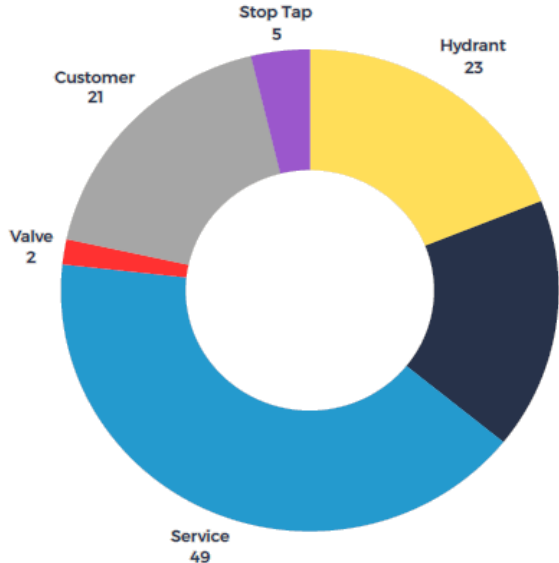


Constable Crescent Waste water Pump Station upgrade work completed under NCC new SCADA system

Number of Leaks by Asset Type (29)



Leakage Volume by Asset Type (litres per minute)



Example of water loss software platform (screenshot of AquaNRW)

Aqua Analytics has completed the leak detection scope in and around Maraenui on 07 - 10 June 2025 for Napier City Council. Approx. 35 km of water mains have been inspected for the project. The area surveyed has 0.4 network leaks per kilometre.

5. NON-WATERS CAPITAL PROGRAMME UPDATE

<i>Type of Report:</i>	Information
<i>Legal Reference:</i>	N/A
<i>Document ID:</i>	1860889
<i>Reporting Officer/s & Unit:</i>	Kate Ivicheva, Manager Asset Strategy Josh LLOYD, Programme Management Project Manager

5.1 Purpose of Report

The purpose of this report is to provide the Sustainable Napier Committee with an update on the 2024/25 Capital Programme for the Open Spaces, Transport and Buildings/Facilities portfolios.

Officer's Recommendation

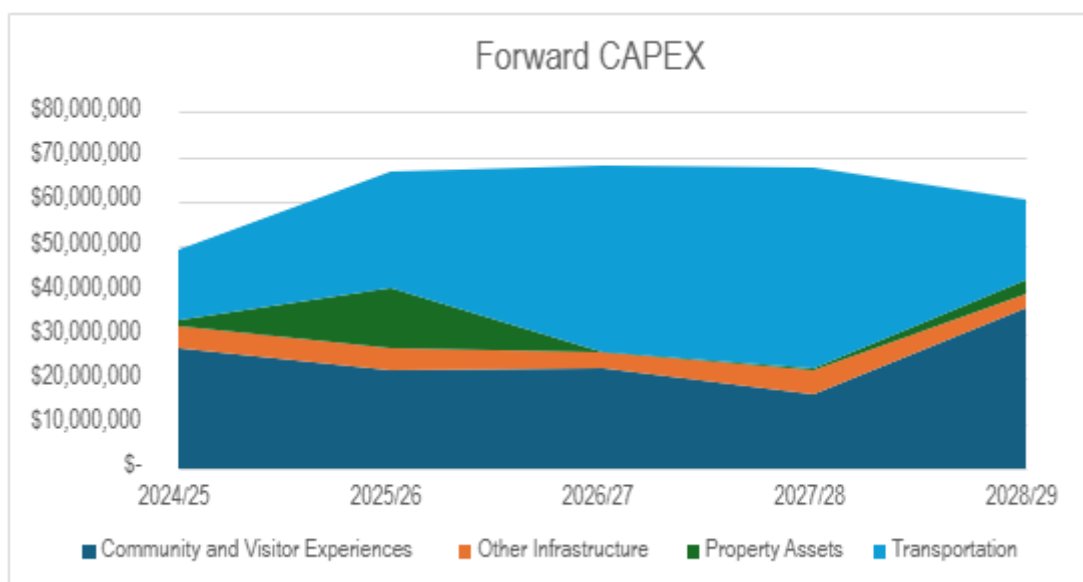
The Sustainable Napier Committee:

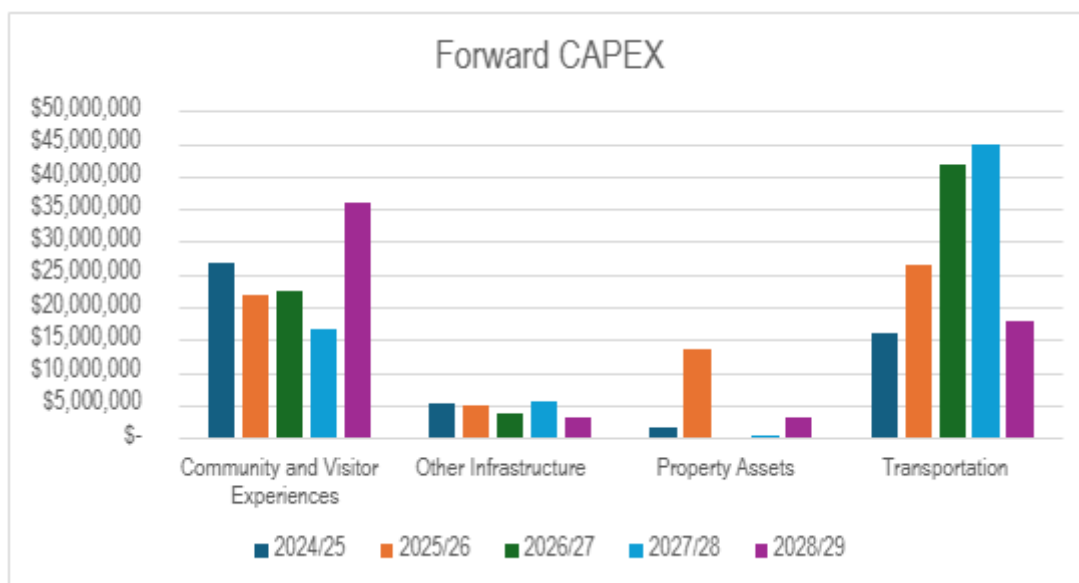
- Receive** the report titled "Non-Waters Capital Programme Update" dated 3rd July 2025, as background information

5.2 Background Summary and Programme Overview

This report has been prepared and presented to the Sustainable Napier Committee (the Committee) since mid-2024 and is now a regular feature of the Committee's meetings. The report aims to provide an overview of the Capital Programme for the Open Spaces, Transport, and Buildings/Facilities portfolios, reflecting the growing maturity of NCC in project and programme management.

The programme of work that this report specifically relates to is illustrated below:





This report focuses on the non-water capital programme, which is primarily made up of planned capital works on road assets, parks and open spaces, as well as buildings and community facilities. This report excludes a small number of major capital projects that are reported separately through other channels. The excluded projects include:

- Accommodation tower
- Te aka / Napier Library upgrade
- Parklands development

Financial Performance

Across the activities and sections of the Capital Programme that this report focuses on, budget tracks slightly behind revised budgets.

Year-to-date expenditure against budget for the full programme of works covered by this report, as reported to date, is in Table 1.

Table 1 - Overall Capital Delivery Programme

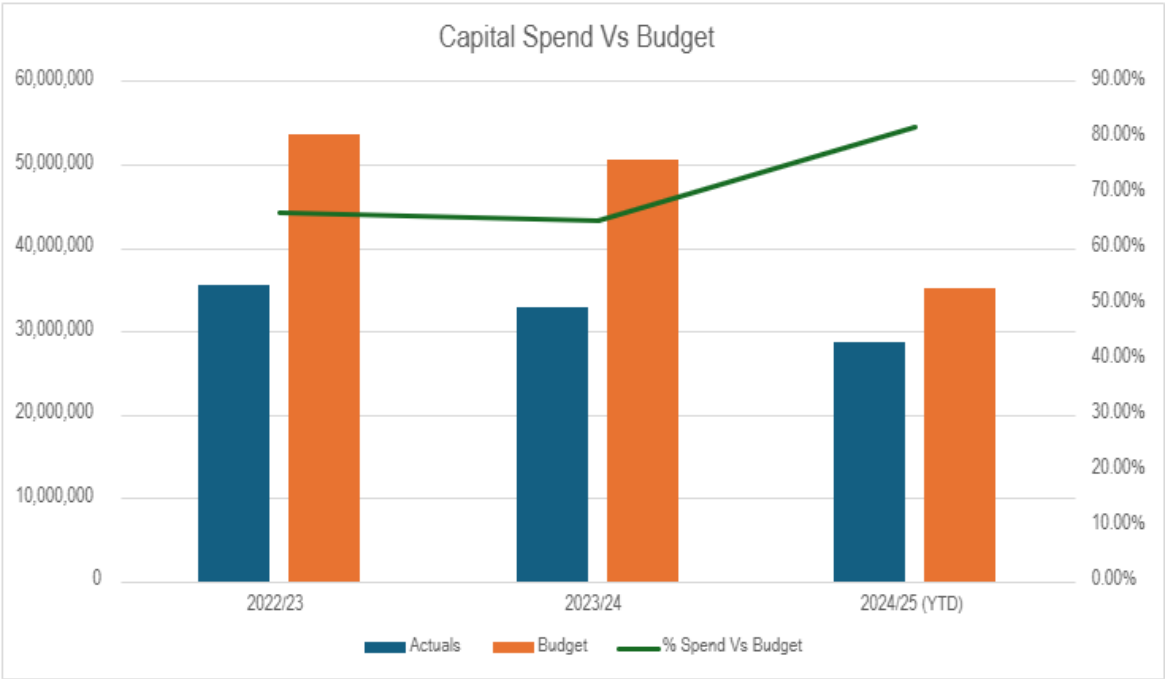
Actual Expenditure	YTD Budget	Actual Vs Budget (YTD)
\$29,792,644	\$39,453,396	75%

The actual expenditure and budget displayed above, however, include a number of line items that have been purposefully placed 'on-hold' while Council continues to make strategic decisions about the future of a number of assets and activities. When these line items are removed, the actuals vs budget year to date are presented below in Table 2.

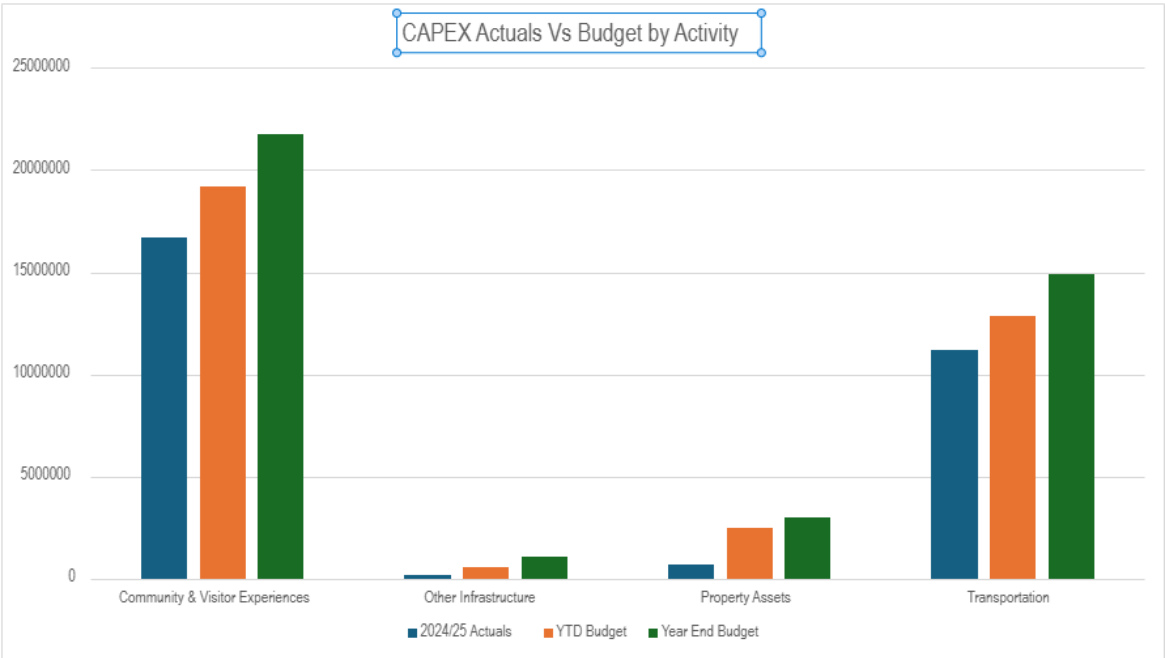
Table 2 - Reviewed Capital Delivery Programme

Actual Expenditure	YTD Budget	Actual Vs Budget (YTD)
\$28,724,894	\$35,087,641	82%

While expenditure continues to track below budget year to date, when comparing with recent years however, a lift in delivery against budget is evident:



Breaking this further down by activity shows that all areas are currently tracking slightly behind budget for the year to date. The accompanying chart provides a visual summary of this progress across key activity areas.



The projects with the largest year-to-date capital expenditure (>\$500,000) are shown in the table below.

Table 3 - Overview of Major Projects

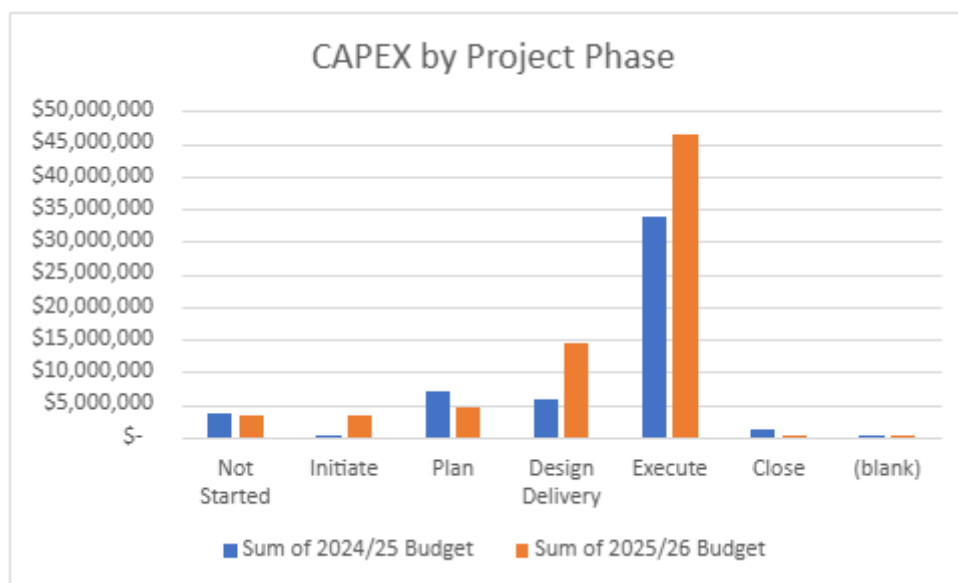
Project / Programme	Activity	YTD
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		Expenditure
Napier Aquatic Centre Renewals	Community & Visitor Experiences	\$3,986,553
Road Resealing	Transportation	\$3,933,931
Memorial Square Community Rooms	Community & Visitor Experiences	\$1,971,586
Fryer Road / Puketitiri Road Intersection Improvement	Transportation	\$1,688,272
Veronica Sun Bay Renewal	Community & Visitor Experiences	\$1,081,632
Bridges and Structures Renewals	Transportation	\$932,991
Kennedy Park Renewals	Community & Visitor Experiences	\$835,916
Anderson Park Playground Upgrades	Community & Visitor Experiences	\$831,766
Municipal Theatre Building Renewals	Community & Visitor Experiences	\$743,450
Area Wide Pavement Treatment	Transportation	\$679,027
Pirates Rugby Club Relocation	Community & Visitor Experiences	\$676,071
Retirement Housing Renewals	Community & Visitor Experiences	\$661,199
Kennedy Park Minor Capital	Community & Visitor Experiences	\$540,806

Physical Progress and Key Projects

Council is improving how both large and small projects are managed. By focusing on capturing and reporting key information, we're gaining better insights into project delivery and overall deliverability. These insights can be combined to provide a clearer picture at the programme level. The Council's Programme Business Improvement group leads a range of improvement initiatives across the organisation and works closely with the Enterprise Project Management Office (EPMO). This emphasis on capturing essential project information has also helped provide visibility into the non-water capital programme, as illustrated in the chart below.

The chart shows the total value of projects and the lifecycle phase each project is currently in. For example, if a project with a total budget of \$1 million is in the design phase, the full \$1 million is reflected under the design column.



Projects continue to move through the project lifecycle with more and more projects sitting in the core delivery phases of 'design' and 'execute'.

Note the data shown as 'blank' in the chart above; this is where information at a project level was not available at the time of reporting. The number of projects with 'blank' phases is significantly down from the previous report. This reflects the ongoing maturing of the organisation with regard to project/programme management and reporting. It is expected that in the future, there will be very few (or no) projects that do not have this basic information captured against them for future reporting.

Key projects, their status and some brief project commentary are shown in Table 4 below. These projects have been determined as 'key projects' by activity managers due to their high risk high risk and/or high public or organisational interest.

Table 4 – Overview of key projects

Project Title	Activity Group	Project Phase	Status	2024/25 Budget	2025/26 Budget	Commentary
Latham St / Wellesley Rd / Sale St	Transportation	Design	On Track	*	*	Design direction approved and design being finalised. Work to commence in spring (October 2025) due to potential risks associated with working in wet winter months.
Redclyffe Bridge	Transportation	Design	On Track	\$500,000	\$17,011,500	NCC contributing to regional project
Emerson Street	Transportation	Design	On Track	\$200,000	\$5,979,800	Stage 1 has been rescoped to include 'enabling

Upgrades						works' associated with the Transport Hub. Construction using the 25/26 budget will be value-engineered to fall within allocated funding.
Pirates Changing Rooms Upgrades	Community and Visitor Experiences	On Track	On Track	\$700,000	\$828,910	Work in progress on the development of new changing rooms.
Sportsgrounds Turf, Drainage and Irrigation Improvements	Community and Visitor Experiences	Execute	On Track	**	**	Completed works at Macrae Field – works in progress now at Pirates fields.
Marine Parade renewals	Community and Visitor Experiences	Close	Completed	\$961,590	-	Veronica Sun Bay and Tom Parker: The projects were both completed on time and on budget
Destination Playground - Stage 2	Community and Visitor Experiences	Design	On Track	\$618,779	-	Recently opened the new Rotary Musical Garden. Skate Park upgrade to be designed
Building Renewals - Municipal Theatre	Community and Visitor Experiences	Execute	On Track	\$910,000	\$1,031,000	Works completed on time and on budget – see photos below
Storage for MTG - property purchase	Community and Visitor Experiences	Execute	On Track	\$2,700,000	\$125,680	Underway - being built now - on track, due for completion this FY
Napier Aquatic Centre Renewals - Operational	Community and Visitor Experiences	Execute	Completed	\$4,211,009	-	Works completed. Some remedial work was required, has now been completed.

*Budgets for Latham and Wellesley Intersection Improvements are being finalised currently as part of design confirmation

**Sportsground Turf, Drainage and Irrigation projects are being funded from several budget lines, these being confirmed at present

As the financial year draws to a close, project close-out processes are underway. Officers are currently verifying which projects have reached completion, and a summary of year-end outcomes will be made available once reporting is finalised.

Photos below show progress with the Pirates' facility upgrades.



Photos below show completed work at the Municipal Theatre:



Acknowledging that not only large, high-risk or high-interest projects have touch-points with the community, the table below shows the projects where teams are purposefully working closely with stakeholder groups to ensure optimal project outcomes.

Table 6 - Projects of high community and stakeholder interest

Activity	Project / Programme	Engagement Underway
Transport	Latham, Wellesley, Sale intersection improvements	Engagement complete. Community supported project. VMS messaging will be installed a week before work commences.
	Marewa Shops roading upgrades Construction completed – see photos below.	The green cycleway repainting programme is to be completed in June 2025.
	Cathedral Lane, Tennyson St Intersection Improvements	Engaging with local businesses / shop owners on outcomes and the construction approach
Open Spaces	Dolbell Reserve - new toilet	Working with 'Xyst' to develop an engagement strategy – scope of works

		(playground, etc) to be worked through
Buildings & Facilities	Onekawa Pool Upgrades	Works complete – continuing to monitor and engage with pool staff to ensure ongoing effectiveness of completed works

Photos below show in-progress and completed works at Marewa shops:



Photos below show the work in progress at Cathedral Lane:



Reporting Improvements

Although reporting is still mostly done manually, it is becoming more consistent and accessible across much of the programme. The number of projects with up-to-date phase information at the time of this report reflects this improvement.

Work is progressing to improve Council's core project/programme management system (Camms-Sycle), and this will result in the 'next step' in terms of advancing project management maturity and reporting capability for Council.

5.3 Issues

Information management remains a key issue for effective and improved project/programme management. The works described above, led by the EPMO, are expected to resolve many of these challenges in time, but for now, teams are working in ways and in systems that create risk and/or reduce efficiency.

Work in the Open Spaces area has naturally slowed due to a combination of staff turnover, periods of leave, and temporary recruitment limitations. Officers are managing workloads carefully to minimise the impact on timeframes and service levels. Resourcing needs will continue to be reviewed as part of normal planning and prioritisation.

5.4 Significance and Engagement

N/A

5.5 Implications**Financial**

Delivery of the capital programme is a key mitigator of risk to Council, including financial risk from asset failure and the inability to effectively and/or efficiently deliver services. This update highlights progress being made to deliver the capital programme, as well as work underway to improve future delivery. Efficient delivery of the programme represents an efficient use of Council funds.

Social & Policy

N/A

Risk

Significant project risks are reported to Council separately via the Audit and Risk Committee.

While the current organisational context may offer opportunities to strengthen future delivery, some short-term impacts on progress are expected as teams take time to adjust, refocus, and respond to evolving priorities. Continued attention to coordination and planning will help ensure momentum is maintained during this period of transition.

5.6 Options

This report is for information purposes only.

5.7 Development of Preferred Option

This report is for information purposes only.

5.8 Attachments

Nil

RECOMMENDATION TO EXCLUDE THE PUBLIC

That the public be excluded from the following parts of the proceedings of this meeting, namely:

AGENDA ITEMS

1. Land Purchase - Mātaruahou Reservoir

The general subject of each matter to be considered while the public was excluded, the reasons for passing this resolution in relation to each matter, and the specific grounds under section 48(1) of the Local Government Official Information and Meetings Act 1987 for the passing of this resolution were as follows:

General subject of each matter to be considered.	Reason for passing this resolution in relation to each matter.	Ground(s) under section 48(1) to the passing of this resolution.	Plain English reason for passing this resolution in relation to each matter
1. Land Purchase - Mātaruahou Reservoir	7(2)(i) Enable the local authority to carry on, without prejudice or disadvantage, negotiations (including commercial and industrial negotiations)	48(1)(a) That the public conduct of the whole or the relevant part of the proceedings of the meeting would be likely to result in the disclosure of information for which good reason for withholding would exist: (i) Where the local authority is named or specified in Schedule 1 of this Act, under section 6 or 7 (except 7(2)(f)(i)) of the Local Government Official Information and Meetings Act 1987.	To enable Council to conduct negotiations with the vendor without advantage to the vendor or a third party.

Public Excluded Text

Council has considered the public interest in the information above and balanced those interests with the reason(s) for withholding this information. This ensures Council has met the requirements for withholding information under section 7(2) of the Local Government and Official Information and Meetings Act 1987.

SUSTAINABLE NAPIER COMMITTEE Open Minutes

Meeting Date: Thursday 15 May 2025

Time: 1.00pm – 1.26pm (*Open*)
1.28pm - 2.25pm (*Public Excluded*)

Venue Chapman Room
Level 1 Chapman Pavilion
McLean Park
Latham Street
Napier

Livestreamed via Council's Facebook page

Present **Chair:** Councillor Price
Members: Mayor Wise, Councillors Boag, Browne, Chrystal, Crown, Greig, Mawson (Deputy Chair), McGrath, Simpson and Tareha
Ngā Mānukanuka o te Iwi representative - Darren Tareha

In Attendance Chief Executive (Louise Miller)
Manager Water Strategy (Philip Kelson)
Water Strategy Planning Manager (Syed Andrabi)
Senior Project Manager (Bex Smiley)

Public Forum Andy Walker, Westshore Residents Association

Administration Governance Advisors (Carolyn Hunt and Jemma McDade)

SUSTAINABLE NAPIER COMMITTEE – Open Minutes

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ORDER OF BUSINESS

Karakia

The meeting opened with the Council karakia.

Apologies

Councillors Mawson / Tareha

That the apologies for absence from Deputy Mayor Brosnan and Councillor Taylor and apologies for lateness from Mayor Wise and Councillor Simpson be accepted.

Carried

Ngā Mānukanuka o te Iwi representative – Tiwana Aranui was not present at the meeting.

Conflicts of interest - Nil

PUBLIC FORUM

Andy Walker - Westshore Residents Association Update

Mr Walker displayed a PowerPoint presentation (Doc Id 1853642) and provided a summary on the potential amenity and asset value of Westshore to Napier City. He requested support and resources from Council to work together to restore Westshore.

The Hawke's Bay Regional Council (HBRC) have re-engaged with the public on the Coastal Strategy and a Community Reference Group which has been established. Mr Walker said that the Northern beach was growing due to:

- dredgings taken from the shipping lane in front of the Surf Club and going north,
- the beach to the south of the Surf Club is being eroded with sand going and not being

replaced, and

- metal being dragged from the seawall to the south and thrown up.

Mayor Wise joined the meeting at 1.12pm

World best practice is to work with nature and Mr Walker used Holland, Australia, Brazil, India, Spain, America, Oriental Parade – Wellington, Nelson and Mt Maunganui as examples. Nine beaches in Auckland had been supplemented with sand.

In the 2019/20 consent application HBRC, supported by Napier City Council (NCC), proposed to

- Replace the sand in increments
- Assess the impact on the reef

It described the area as a “turbid environment” with sand continually passing through it. Two reports indicated minimal impact on the reef.

It was intended to take this proposal to the community requesting that the sand be replaced. Four areas of benefit were cited:

- Fix Westshore, Bay View and Whirinaki
- Environmental – this beach does not represent Napier
- Protect Napier (with estuary fix)
- Amenity Value

Attachments

- 1 Public Forum - Andy Walker Presentation (Doc Id 1853642)
-

Announcements by the Mayor

Bereavement - Mayor Wise acknowledged the passing of Kaumatua Tamati Cairns on 10 May 2025. Kaumatua Cairns was a member of the Waiohiki whanau and respected leader in their community. He was not only a strategic thinker and staunch advocate for Māori development, but also a man of great mana and humility. His contributions will be remembered.

Announcements by the Chairperson

Nil

Announcements by the management

It was noted that members of the Executive Leadership Team would not be present as they were involved in staff meetings in relation to the redesign of the organisation.

Confirmation of minutes

Councillors Chrystal / Greig

That the Minutes of the Sustainable Napier Committee meeting held on 10 April 2025 were taken as a true and accurate record of the meeting.

Carried

AGENDA ITEMS

1. THREE WATERS CAPITAL DELIVERY PROGRAMME UPDATE

Type of Report:	Information
Legal Reference:	N/A
Document ID:	1847945
Reporting Officer/s & Unit:	Vonnie Archibald, 3 Waters Programme Manager Hansika Iranthi, Programme Planner

1.1 Purpose of Report

To provide Council with a programme update for the month of **March** for the FY24/25 3 Waters Capital Programme Delivery.

At the meeting

The Water Strategy Planning Manager, Mr Andrabi supported by Mr Kelson provided a brief summary of the March monthly report.

Mr Andrabi advised that high risk projects attracted less interest from contractors, however with the simpler contracts there is a lot more interest and cost savings.

COMMITTEE RESOLUTION

DarrenTareha / Councillor Mawson

The Sustainable Napier Committee:

- a) **Receive** the report titled “Three Waters Capital Delivery Programme Update” dated 15 May 2025.

ACTION *Officers to circulate work programme for the Lagoon Park Diversion concept design.*

Carried

Minor matters

There were no minor matters to discuss.

RESOLUTION TO EXCLUDE THE PUBLIC

Councillors Crown / Tareha

That the public be excluded from the following parts of the proceedings of this meeting, namely:

1. Procurement Strategy for Emerson Street Stage 1-4 Main Contractor
2. Taradale Road and Herrick Street Culvert Upgrades
3. Land Purchase - Mātaruahou Reservoir

Carried

The general subject of each matter to be considered while the public was excluded, the reasons for passing this resolution in relation to each matter, and the specific grounds under section 48(1) of the Local Government Official Information and Meetings Act 1987 for the passing of this resolution were as follows:

General subject of each matter to be considered.	Reason for passing this resolution in relation to each matter.	Ground(s) under section 48(1) to the passing of this resolution.	Plain English reason for passing this resolution in relation to each matter.
1. Procurement Strategy for Emerson Street Stage 1-4 Main Contractor	7(2)(b)(ii) Protect information where the making available of the information would be likely unreasonably to prejudice the commercial position of the person who supplied or who is the subject of the information	48(1)(a) That the public conduct of the whole or the relevant part of the proceedings of the meeting would be likely to result in the disclosure of information for which good reason for withholding would exist: (i) Where the local authority is named or specified in Schedule 1 of this Act, under section 6 or 7 (except 7(2)(f)(i)) of the Local Government Official Information and Meetings Act 1987.	Includes budget information that should not be released prior to tender.
2. Taradale Road and	7(2)(h) Enable the local	48(1)(a) That the public conduct of the whole or	Sensitive commercial details included in the

Herrick Street Culvert Upgrades	authority to carry out, without prejudice or disadvantage, commercial activities 7(2)(i) Enable the local authority to carry on, without prejudice or disadvantage, negotiations (including commercial and industrial negotiations)	the relevant part of the proceedings of the meeting would be likely to result in the disclosure of information for which good reason for withholding would exist: (i) Where the local authority is named or specified in Schedule 1 of this Act, under section 6 or 7 (except 7(2)(f)(i)) of the Local Government Official Information and Meetings Act 1987.	report
3. Land Purchase - Mātaruahou Reservoir	7(2)(i) Enable the local authority to carry on, without prejudice or disadvantage, negotiations (including commercial and industrial negotiations)	48(1)(a) That the public conduct of the whole or the relevant part of the proceedings of the meeting would be likely to result in the disclosure of information for which good reason for withholding would exist: (i) Where the local authority is named or specified in Schedule 1 of this Act, under section 6 or 7 (except 7(2)(f)(i)) of the Local Government Official Information and Meetings Act 1987.	To enable Council to conduct negotiations with the vendor without advantage to the vendor or a third party.
Public Excluded Text			
Council has considered the public interest in the information above and balanced those interests with the reason(s) for withholding this information. This ensures Council has met the requirements for withholding information under section 7(2) of the Local Government and Official Information and Meetings Act 1987.			

*The meeting adjourned at 1.26pm and reconvened
in Public Excluded at 1.28pm*

The meeting closed with a karakia at 2.25pm

Approved and adopted as a true and accurate record of the meeting.

Chairperson

Date of approval