

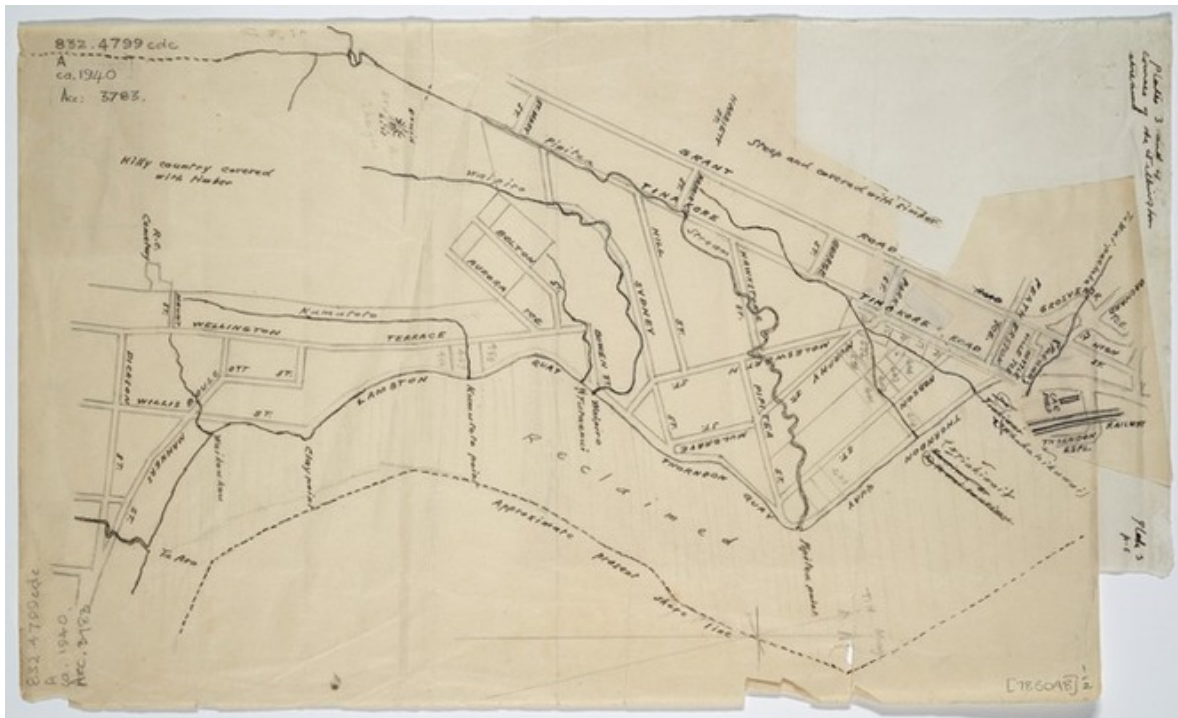


A
Mana Whenua
Cultural Design
Values

LGWM Values to Practice Workshop

Whakapapa – A Sense of Place

- Designs need to showcase and recognize natural heritage. The illumination of histories important as connects in with both the move to including NZ/Māori histories in the school curriculum and the work of Enviro schools that engages young people in environmental concerns.
 - Where is the original coastline? Showcase wai tapu along golden mile. Showcase these historical narratives. More work is required to capture these narratives.



Courses of the Wellington streams, plates 3 and 4 [ms map]. [Compiled by Johannes C. Andersen, ca.1940] - <https://natlib.govt.nz/records/22612149>

- Increase wetlands – e.g. extend Waitangi Park
- Opportunities to daylight streams underneath the city or recognize them in some way if impossible to daylight – e.g. Basin reserve to New World - Kent/Cambridge terrace medium strip. Article about some of the City awa <https://stephengibbsdms.wordpress.com/tag/hidden-streams-of-wellington/>
- Use of Endemic trees to celebrate natural histories
 - Southern Rata
 - Rata
 - Hinau
 - Kawakawa
- Look for opportunities to re-wild to respond to climate change and sustainability concerns - <https://www.theguardian.com/environment/2021/jun/03/rewild-on->

massive-scale-to-heal-nature-and-climate-says-un-decade-on-ecosystem-restoration-aoe

- Design should reconnect people to the environment/ Make clear/celebrate connection with people + natural waterways e.g. Woodward St underpass
- Think carefully about the relationship to Ara Moana (the waterfront)
 - Paintings – story telling e.g.
<https://www.stuff.co.nz/entertainment/arts/300202708/walking-on-water-through-the-streets-as-wellingtons-hidden-art-revealed>

Wai-ora - Respect the Role of Water

- Designs should uphold Te Mana o te Wai
 - Health + Well-being of the water and of the people
 - Ability of communities to provide for health/cultural well-being
 - Celebrate and reconnect to the nine awa / Check/find maps
 - Link this work to the three waters work
 - Need to set time frames for ensuring non-contaminated water is being returned to the harbor. This should be the goal and if we are removing cars off the road this task should be simpler
- Waste should be dealt with carefully and where possible recycled. Designs should be centred on sustaining the environment and should incorporate some of the following types of technologies to ensure sustainable outcomes. See for example:
 - <https://i.stuff.co.nz/business/125330873/plastic-waste-gobbler-first-off-the-blocks-in-new-20m-startup-fund>
 - Paving bricks made from plastic waste <https://youtu.be/QbZKP4UAtL8/>
<https://youtu.be/QAtuue8YRhE>
- Incorporate alternative infrastructure -
https://www.waternz.org.nz/Attachment?Action=Download&Attachment_id=2151

Pungaroa – Sustainable Energy use and Production

Whilst some of the below is aspirational, this should be the ultimate outcome of any LGWM work. On completion energy benefits should flow to the wider city.

- How do designed reduce carbon emissions – see for example Rocky mountain institute <https://rmi.org/> and the use of the notion of natural capital
- Build capacity to manufacture materials etc needed for the 30 year project here in Aotearoa and specifically build capacity amongst Māori to lead material production, energy systems production etc etc.
- Consider - Anerobic digestion systems
 - Public bike machines that generate power
 - Fun ways to get people producing energy
- Waste of power. How do we waste less? Work into designs considerations of this.
- Introduce microsystems
 - Wind turbines (such as in the UK)
 - Micro hydro
- How do we deal with waste?
 - Small manufacturing
- Need a culture shift

- Engage with contractors/companies that want to insist on change themselves. Need to develop a general procurement policy that asks contributors to spell out how they are working toward the pūngaroa value

Hauora - Optimising Health & Well-being

- Designs should support good mental and physical health. Public space designs should support mental and physical health through the provision of :
 - Green space
 - Spaces to linger and come together
 - Spaces for Māori to be Māori e.g. hangi pits instead of BBQs
- Consider approaches such as Health Streets - <https://www.healthystreets.com/about> though needs adaptation and inclusion of cultural considerations
- As below – opportunities for human traction energy creation
- Create attractive pathways that speak to the mana whenua histories of the site to encourage walking

Whakamahitanga - Use of materials

Designs should encourage the use of :

- Natural/sustainable materials
- Recycled materials
 - Kenyan wāhine making plastic bricks: <https://www.designboom.com/technology/gjenge-makers-recycled-plastic-bricks-kenya-02-08-2021/>
 - <https://i.stuff.co.nz/business/125330873/plastic-waste-gobbler-first-off-the-blocks-in-new-20m-startup-fund>
 - Paving bricks made from plastic waste <https://youtu.be/QbZKP4UAtL8/> / <https://youtu.be/QAtuue8YRhE>
 - Hempcrete in NZ: <https://hempnz.co.nz/> <https://hba.nz/>
- Report back to mana whenua on points/areas where 'use of materials' re: recycling, toxicity reduction etc....should be built into MW procurement plan and monitoring plan below

Manaakitanga - Just & equitable

Design processes and outcomes should be rooted in justice, equity and manaakitanga

- The procurement strategy is important here which is currently being developed to encourage the procurement of iwi/Māori services etc to support
- The underlying philosophy of the LGWM work should move away from a capitalist ethos toward ecological economic approaches which support monitoring outcomes in terms of environmental and socio-cultural outcomes alongside fiscal ones.

Theories/Theorists include:

- Anthony Cale
- Doughnut economics
- Joseph Stiglitz

- Streets and public spaces should be conceptualised and learning/ako streets and spaces, an outdoor classroom
- If we're taking away cars, good, we need to provide good parking (park n ride) and public transport. Phasing is important here and needs to be clear.

Whakāhuatanga - Celebrate Beauty in Design

- Inspired by nature and Interacts with nature
- Art that speaks to iwi narratives at different scales & levels of the urban spatial structure
- Iwi heritage needs to be prioritized to rebalance the visible colonial heritage
 - Pou/waharoa
 - Prominent tupuna statues
 - Midland park – interpretation
- Orientate view lines towards Maunga/Awa – sources of identity for mana whenua
- Draw on Iwi artists
 - Create a database of mana whenua/ Māori artists to help exemplify the narratives/values/aspirations set out here in the implementation
 - E.g. Dream girls collective - <https://www.wellingtonz.com/experience/love-local/city-art-activation/>

Whakamatautautanga - Ongoing monitoring of outcomes

- We need a transformational shift in the way this work is carried out
- Develop a kaitiaki monitoring group
- Motif – <https://motif.world/> offers some of these types of services linking environmental, social with implementation outcomes
- Iwi would need a role in this
- We need to be monitoring how we travel/pollute?
- There's opportunity to dovetail on the work of Greater Wellington Council
- Needs to be resourced