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Introduction

Develop parks which optimise environmental and economic benefits, and use resources efficiently. Designs should incorporate innovative, best practice and robust solutions that are cost effective to construct, maintain and renew. All designs should be resilient and sustainable, safeguarding the environment for the future.

Utilise Our Resources Efficiently

Implement energy efficient systems that make the most of limited resources, such as power and water.

Building materials and design elements should be appropriate to context, cost efficient (considering whole of life cost), durable, and be made of parts that can be easily replaced if damaged. Design the park for ease of maintenance from the outset.

Utilise The Economic Benefits

Identify and develop relationships with neighbouring land owners such as churches, schools and businesses.

Work with them to use the park design as a catalyst for the improvement of the neighbourhood as a whole. Design to create a destination that can contribute to Auckland's tourism economy. Use interpretation to educate and inspire visitors about what makes Auckland unique and special.

Utilise The Environmental Benefits

Designs should work to intelligently harness the environmental benefits of our parks.

Parks should naturally manage stormwater, improve air quality, reduce flood risk and help mitigate the effects of climate change. Designs should also look to restore ecological and hydrological systems to promote healthy, thriving ecosystems. Auckland's parks should lead by example, using sustainable design ideas and showcasing these to educate and inspire the public.

Integrate and effectively manage water on site

Designing parks to maximise the environmental benefits to the area can lead to significant enhancements in water quality. Therefore, the management of water onsite should be a key action considered early in the design process. Including vegetated stream edges and the passive

irrigation of planting areas are just a couple of examples of design solutions which maximise the environmental benefits of a park.

Manage water systems on site by:

- understanding how water moves through and around the site and if there are any existing drainage issues. Use this information to inform the site layout and water management solutions
- understanding how climate change and storm surge events could affect the operation of low lying parklands
- investigating the upstream piped stormwater networks. Understand if there is an opportunity to naturalise a stream into and through park. Work with Auckland Council's stormwater team to achieve this
- following the LID (Low Impact Design) principles outlined in Auckland Council's Stormwater Manual (GD04).
- considering stormwater management early in the site planning process, to ensure techniques are suitable
- managing stormwater as close to its point of origin as possible
- maintaining natural hydrology to reduce the impact of flow and contaminants
- using natural processes within the soil and plant community to reduce pollution and contaminant levels in our water
- harnessing water and revealing its presence, movement and life cycle as part of educational play



Lucy Moore Memorial Park, Warkworth

Riverfront reserves help to manage water and provide amenity through the park.

