



Empowering local communities in Aotearoa/New Zealand

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www.healthyhousing.org.nz,

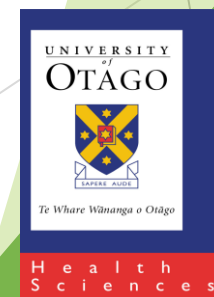
www.sustainablecities.org.nz, www.resilienturbanfutures.org.nz



new zealand centre for

Sustainable Cities

te pokapū rōnaki tāone-nui





“He Tangata, for the people”

Wainuiomata Marae





Wainuiomata Marae in the heart of Wainuiomata





Values / Principles



Tangihanga – Providing holistic support throughout the duration of Tangihanga is a special, important and fundamental part of Te Ao Māori



Hapori (Community) – We demonstrate strong leadership and innovation in our decision making to create and support strong communities



Rereke (Diversity) – We embrace diversity within our community



He Tangata (People) – People are our greatest treasure. We support individuals and whanau to be safe, strong, independent and healthy (emotionally and physically)



Te Taiao (Environment) – We are kaitiaki of our environment. We protect (our taonga), grow (give back), and promote environmental benefits to our community and beyond



Te Ao Maori (Culture) – At the heart of our existence is the need to foster, maintain and evolve matauranga Māori



Whakahautana (Innovation) – We continue to pursue and develop new and creative ideas that advance our community

Wainuiomata Marae Papakainga Project

- ▶ Initiated through long-standing research relationships between community & researchers
- ▶ Using community's & researchers' strengths to create a low-carbon model community:
 - ▶ Building affordable, high quality homes
 - ▶ Provide wrap-around services to residents
 - ▶ Integrated renewable energy - solar PV/Micro-grid
 - ▶ Reduce fuel poverty
 - ▶ Generate educational & employment opportunities
 - ▶ Showcase sustainable suburban regeneration
 - ▶ Share our learnings

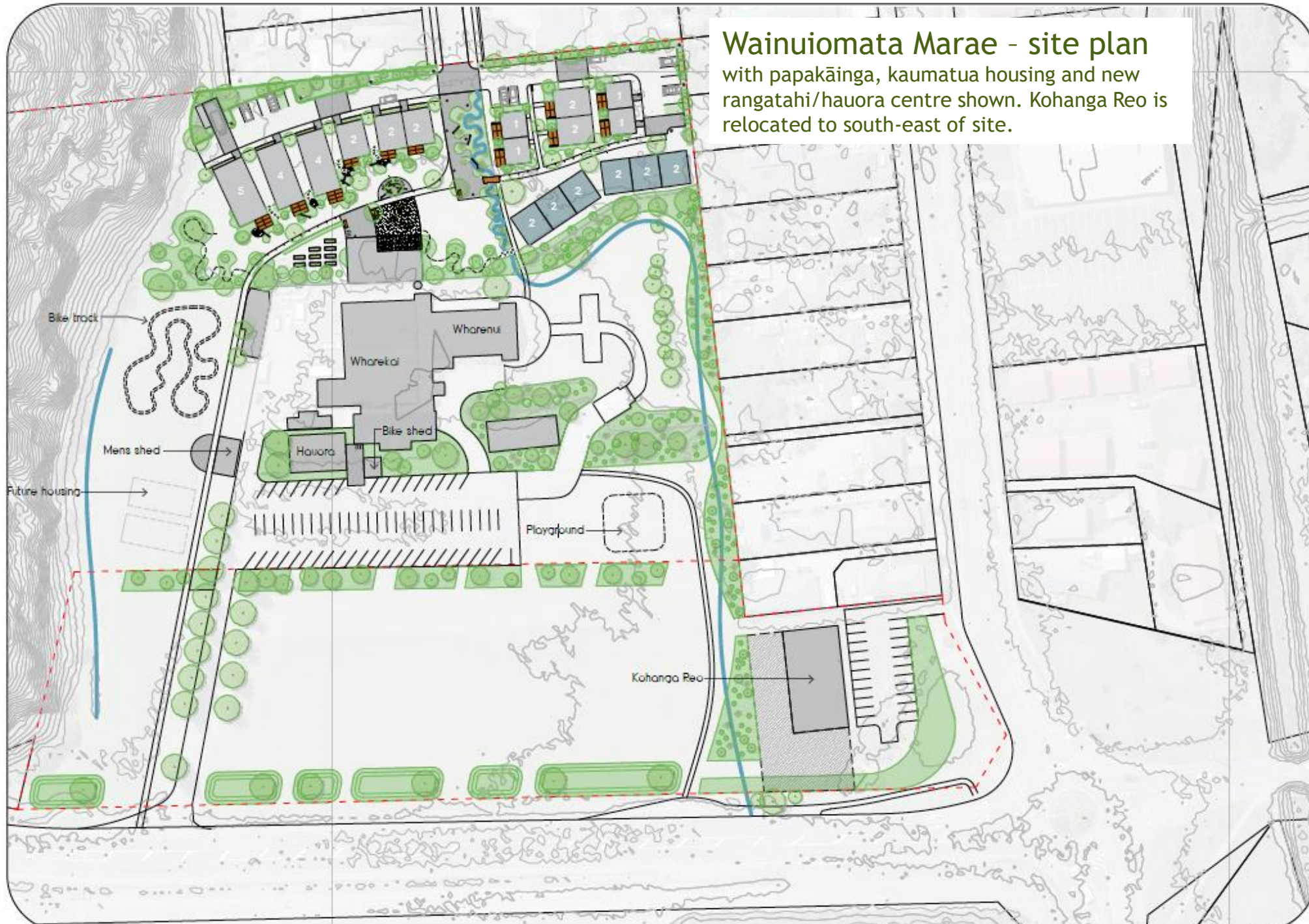
Importance of relationships

- ▶ Different parties to the project control different aspects of land building & community formation
 - ▶ Wainuiomata Marae Trust establish a Land Committee
 - ▶ Māori Land Court, rules on Māori Reserve land
 - ▶ Hutt City Council returned extra land parcels
 - ▶ Te Puni Kōkiri - infrastructure costs
 - ▶ Kainga Ora - planning & development, building, landlord
 - ▶ Multi-disciplinary research team - community, engineers, building sector, public health, urban planners & multiple outputs - film, reports, articles.
- ▶ Cultural views valued & acknowledged in design



Planning of medium-density housing around marae

Wainuiomata Marae - site plan
with papakāinga, kaumatua housing and new
rangatahi/hauora centre shown. Kohanga Reo is
relocated to south-east of site.





Wainuiomata Marae Papakāinga - summary

- ▶ 12 dwellings (1 bedroom to 5 bedroom -single level; some duplexes; some accessible)
- ▶ Kainga Ora to build and manage as public housing for 30 years
- ▶ Kainga Ora to lease Wainuiomata Marae land for 30 years
- ▶ Papakāinga is based on WM Trust's purpose and values (community, sustainable, enhanced wellbeing, shared learnings)
- ▶ Papakāinga is based around whenua, marae and kainga - focus on whanau
- ▶ Wainuiomata Marae to provide wrap around services
- ▶ Te Puni Kokiri have indicated they will cover the infrastructure costs but this is not confirmed
- ▶ Solar PV micro-grid for the marae and papakāinga - not able to proceed with KO

Papakāinga Development 2022

- ▶ May 2022 - received approval from MLC to proceed
(i.e. exemption from lease-term limitation on Maori reservation)
- ▶ Nov 2022 - completed Master-planning with Kainga Ora and Local - Landscape Architects
- ▶ Nov-Dec 2022 - Moving into architectural design stage with Kainga Ora
- ▶ **Next**
 - Infrastructure requirements and funding
 - HCC re- designate land residential
 - Appoint builders
 - Marae Solar PV Micro-Grid

Wainuiomata Marae Upgrade - summary

- ▶ Wainuiomata Marae Development Plan (Feb 2021) - outlining the papakāinga and upgrade projects
- ▶ Wharekai roof replacement - Feb/March 2023 - DIA Funded
- ▶ Replacing large Wharekai gas heater with 5 x heatpumps and ceiling fans - partially DIA funded
- ▶ Replacing approx 50 windows (to double -glazed) - partially DIA funded
- ▶ Other work:
 - ▶ Rangatahi and Hauora Centre - **requires building and resource consent** prior to application (due 7 Feb)
 - ▶ Workshop - **requires building and resource consent** prior to application (due 7 Feb)
 - ▶ Switchboard requires upgrade for heaters
 - ▶ Design of Solar PV Micro-grid for the Marae is underway - funding required - approx \$200k

Questions?



- E-car charging park
- 1 bedroom unit and Kauaumatua housing car parks
- Walking paths
- Kauaumatua housing
- Buffer planting
- Swale

Truck turning bay
Communal rubbish and recycling

Parking for 2, 4 and 5
bedroom units

Poi whenua
Pole lighting

Parking for 1 and 2
bedroom units

Shrub screen planting around
decks / terraces to provide
privacy and discourage
through traffic

Food forest

Bike track

Footpath

Mens
shed

Future housing

Workshop

Mana kai

Wharekai

Whareniui

Hou Ora

Bikes

Waharua

Rangatahi
hangout

Lawn

Rangatahi

E-car charging park

1 bedroom unit and Kauaumatua
housing car parks

Walking paths

Kauaumatua housing

Buffer planting

Swale