



New Zealand
Concrete Masonry
Association Inc.

NZCMA PROJECT PROFILE #3

Pipitea Marae WELLINGTON

PROJECT PRINCIPALS

Landscape Architect: Moorhead and Newdick
Landscape Architects

Consultant: Spencer Holmes and Aurecom

Contractor: Nikau Palmatum

Paving Supplier: Horizon International

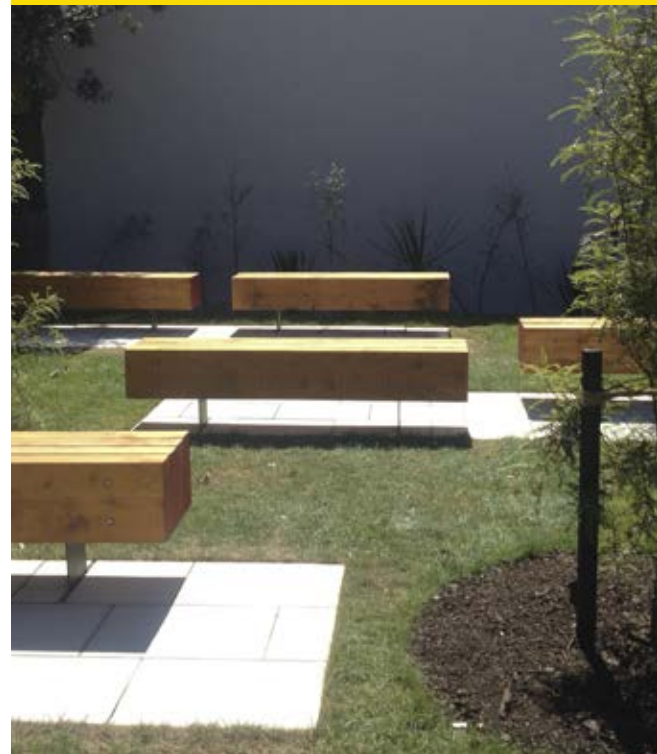
Framed on either side by two large lawn areas and leading directly to the whareniui, the sensitive yet striking use of concrete pavers has rejuvenated this landmark urban marae.

Catering for many different practical and programmatic requirements Pipitea Marae is in almost constant use - a factor that places a premium on durable building materials.

Incorporating design patterns into the landscape architecture that express the culture of the people to whom the marae belongs, the paved approach offers a strong sense of welcome. The paving pattern references Maori basket weaving and is also a metaphor for the meeting of two people, which is the primary function of a marae.

The Terrazzo range of pavers was also able to accommodate the three subtle primary colours, which are repeated across the marae, while the slip resistance offered is essential for Wellington's occasional rainy day. Being locally made meant that the emissions associated with transportation to site were minimal.

Overall the simple yet compelling execution of a landscape vision, enabled through the creative use of durable and flexible concrete pavers, has helped convey a proud identity and at the same time extend a warm greeting.



New Zealand
Concrete Masonry
Association Inc.



CONCRETE MASONRY - RECOMMENDED USE

Concrete masonry construction (or blockwork) is a permanent hollow formwork which is filled with concrete (blockfill) and allows for the integration of reinforcing steel, a feature essential for earthquake resistant structures for industrial, commercial, and residential buildings.

REQUIREMENTS OF NZCMA

The Association requires its masonry manufacturer members to produce concrete masonry blocks, including veneer types, to meet the Australian/New Zealand manufacturing Standard AS/NZS 4455.1.2008, Part 1 Masonry Units.

ADVANTAGES OF CONCRETE MASONRY

Concrete masonry is a solid, predictable, and reliable material that provides permanence, and high fire and acoustic resistance. Masonry walls can also be positioned and designed to achieve great weather protection and thermal efficiencies.



Image: Patrick Reynolds

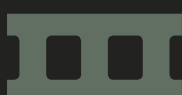
THE NEW ZEALAND CONCRETE MASONRY MANUAL

The New Zealand Concrete Masonry Manual, which was created in the late 1970s as a guide to the design and construction of concrete masonry, has been updated and is available in sections for free download as required from the NZCMA website – www.nzcma.org.nz

NZCMA MEMBER COMPANIES

For advice and concrete block availability, NZCMA Members can be contacted at the following links:

COMPANY	LOCATION	CONTACT
Bowers Brothers Concrete Limited	Various in Upper North Island	www.bowersbrothers.co.nz
Firth Industries	Various	www.firth.co.nz
Mitchell Concrete Limited	Taranaki	www.mitchellconcrete.co.nz
The Block Shop New Zealand Limited	Various in North Island	www.blockshop.co.nz
Viblock Limited	Christchurch and Alexandra	www.viblock.co.nz



**New Zealand
Concrete Masonry
Association Inc.**

NZCMA Project ProFile #3 April 2017
P. (04) 499 8820
F. (04) 499 7760
E. enquiries@nzcma.org.nz
W. www.nzcma.org.nz

© Copyright 2014 NZ Concrete Masonry Association (NZCMA).
Disclaimer: The information provided in this publication is intended for general guidance only and in no way replaces the services of professional consultants on particular projects. No liability can therefore be accepted by the NZCMA for its use.