

INDIGENOUS DESIGN & HOUSING

North America Study Tour
17 May - 6 June 2017



About Us

This study tour is a joint initiative of Ngā Aho, the society of Māori design professionals, and Te Matapihi, the independent National advocate for housing Māori.

Ngā Aho

Ngā Aho is the national network of Māori design professionals and we seek opportunities to raise awareness, increase knowledge, foster relationships and develop capacity in respect to Māori design and planning issues. Māori cultural aspirations, process and practices are shared and developed through a network which supports and upholds traditional cultural relationships.

For more info visit www.ngaaho.maori.nz

Te Matapihi

Te Matapihi he tirohanga mō te Iwi Trust operates as an independent voice for housing Māori. We perform systems advocacy to promote and improve opportunities for Māori communities, whānau groups and individuals seeking to develop their land for housing and improve their housing situations, and kaupapa Māori organisations involved in the provision of social and affordable housing.

For more info visit www.tematapihi.org.nz



Patrick Stewart has designed a number of high-profile buildings, including the Aboriginal Children's Village, pictured, a unique, 24-unit residence for foster children and their families in Vancouver.

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Background & Objectives

BACKGROUND

In June 2012 the first World Indigenous Housing Conference in Canada. There was a strong contingent from New Zealand including the Honourable Tariana Turia. Delegates also attended from Australia, the USA and, as expected, Canada. It was held in the city of Vancouver and was hosted by the indigenous peoples of the region including the Coast Salish, Musqueam, Squamish and TsleilWaututh nations. The conference covered a range of subjects associated with indigenous housing including governance; capacity building; government partnerships; construction problems; design issues; disaster preparedness; women in leadership; and homelessness. A number of Te Matapihi trustees were in attendance.

In February 2016, Ngā Aho held our first international conference, hosted by Ngāti Hau at Whakapara Marae, Te Tai Tokerau (Northland), Aotearoa. I Te Timatanga brought together design and planning professionals including architects, landscape architects, urban designers, design thinkers, public art practitioners and consultants working in the indigenous design space to discuss their approaches to design, share thoughts and evolve ideas on how we can shape the public realm by appropriately integrating

indigenous design narratives and values. Taking place over four days, the conference included hearing from key speakers on indigenous design from across Aotearoa as well as international guests. A number of site visits took place during the hui, including visiting Waitangi, as well as an optional 10 day hīkoi or tour post-conference to visit exemplar sites across the country.

In late 2017, a call for proposals was released by the newly formed Royal Architectural Institute of Canada (RAIC) Indigenous Task Force for the RAIC Indigenous Design symposium, to be held in 27 Ottawa May 2017. Building on the momentum and relationships developed through our successful I Te Timatanga International Indigenous Designer's conference, our membership expressed a strong interest to participate in, and support for, the upcoming symposium. To complement this and make the most of our visit, we have planned a three-week study tour of Canada and the US. Building on the successful of our post-hui Aotearoa hīkoi in 2016, which was very well-received by our international manuhiri, this study tour has been developed as a way to deepen our shared learnings, extend on existing relationships and to visit exemplar projects across

Canada and the US.

Given the strong existing relationships between Ngā Aho and Te Matapihi, alignment of the kaupapa and initial discussions underway for a 2020 joint conference, it felt meaningful for both organisations to collaborate on the development of a joint study tour.

OBJECTIVES

The objectives of the study tour are:

- To learn from the way other indigenous communities have undertaken building, community and urban development projects (including planning/policy, architecture/design, legal and financial aspects) to inform projects and influence policy in Aotearoa
- To build new, and strengthen existing, relationships to support the development of an international community of practice
- To seed the idea of, and build support for, an International Indigenous Design & Housing conference, to be held in Tāmaki Makaurau, Aotearoa in 2020

Our Hau Kāinga Hosts

Pacific Northwest

The itinerary is divided into three geographic regions - Pacific Northwest, East Coast (RAIC Festival of Architecture / Indigenous design symposium), and the American Southwest. Our local indigenous whanaunga and colleagues have kindly offered to host us in their rohe.



Daniel Glenn (Apsaalooke – Crow)

Daniel J. Glenn, AIA, is an award winning architect specializing in culturally responsive architecture and planning for diverse cultures and indigenous communities. He is Principal of 7 Directions Architects/Planners, a Native-owned firm in Seattle, Washington. His work and philosophy reflect his Crow tribal heritage. Mr. Glenn has been featured in the film, *Indigenous Architecture / Living Architecture*, and four of his projects are published in the book, *Design Re-Imagined: New Architecture on Indigenous Lands* published in 2013. He is a regularly invited speaker at national conferences and has appeared in the PBS series *Natural Heroes*, in a documentary by the Sustainable Native Communities Collaborative.



Ouri Scott (Tlicho First Nation)

As one of the first indigenous women to graduate from the University of British Columbia's Master of Architecture program, Ouri Scott is driven to resolve prevalent, yet often unaddressed design issues that face First Nations people. As a designer, she looks to develop a modern language in architecture to reflect and respond to contemporary First Nations culture, such as in the Aboriginal Pavilion at the 2010 Olympics in (DIALOG) and the Sugar Cube Kitchen in Jean Marie, NWT. Her goal is to bring sustainable infrastructure to aboriginal communities, such as district energy, sustainable water treatment and wastewater management, as well as resilient community planning. A member of the Tlicho First Nation in northern Canada, she has worked with First Nations communities across Canada in the areas of community development, traditional knowledge and indigenous governance, as well as for UNESCO in Paris the area of Traditional Knowledge.

Patrick Stewart (Nisga'a Nation)

Dr. Patrick Reid Stewart is a member of the Killerwhale House of Daaxan of the Nisga'a Village of Gingolx. His traditional Nisga'a name is Luugigyoo.



Patrick has twenty-five years of architectural related experience and has twelve years as principal of his own firm, Patrick R. Stewart Architect (PRSA), a full-service architectural firm with a First Nations community development focus (previously known as Sagalts'apkw Architecture). Patrick completed his PhD (2015) at the University of British Columbia. The title of his dissertation is, *indigenous architecture through indigenous knowledge: dim sagalts'apkw nisim*. He was the first Aboriginal President of the Architectural Institute of British Columbia (2005-2007). Patrick is the Chair of the Aboriginal Homelessness Steering Committee For Greater Vancouver and Chair of the Indigenous Communities Sustainable Design Task Force for the Royal Architectural Institute of Canada.

RAIC International Indigenous Architecture and Design Symposium

"Reconciliation, Place-making and Identity"

Wabano Centre, Ottawa, ON
May 27, 2017



RAIC's first ever Indigenous Architecture and Design Symposium will be held on Saturday, May 27, 2017 in Ottawa in conjunction with the RAIC/OAA annual Festival of Architecture. While Indigenous elements will be a part of the main Festival and delegate program, the one-day Symposium will focus solely on Indigenous issues from a diversity of perspectives through a variety of mechanisms.

The Symposium is a project of RAIC's newly-formed Indigenous Task Force which was officially launched on June 9, 2016 in Nanaimo, BC (Snuneymuxw territory) during the 2016 Festival of Architecture. The new RAIC Indigenous Task Force is comprised largely of Indigenous architects and intern architects. Its core purpose is to foster and promote Indigenous design in Canada in rural, Métis and Northern communities, First Nations, and in urban spaces and advocacy with and on behalf of Indigenous communities.

Task Force members believe strongly that Architecture is a public-spirited profession with an important role in Reconciliation – addressing injustices through giving agency back to Indigenous people.

".....we need designers and designs that can create long-term relevance, exemplify a respectful cultural and economic and environmental responsibility to sustainable development, and consider the reciprocal well-being and quality of life of the people." Dr. Patrick Stewart, MRAIC and Chair, RAIC Indigenous Task Force.

Ngā Aho submitted a proposal to present in a 'Kora' or Pecha Kucha format, as a way to get a comprehensive snapshot of current indigenous design issues in Aotearoa New Zealand in a compressed time frame. Our proposal has been accepted by the organising komiti, and we are scheduled to speak the morning of the symposium.



About the RAIC Indigenous Task Force

A new RAIC task force comprised largely of indigenous architects and intern architects has been established to seek ways to foster and

promote Indigenous design in Canada.

The inaugural meeting of the RAIC Indigenous Task Force took place June 9 in Nanaimo, BC (Snuneymuxw territory) during the 2016 Festival of Architecture.

The conversation at the June 9 meeting explored topics such as how to apply good practices in architecture and site planning for Indigenous spaces, identifying roadblocks and promoting architecture as a career for Indigenous students.

There was discussion that in some First Nation communities, the initial focus needs to be on basics such as clean piped water. Participants discussed the importance of highlighting positive examples of cultural identity through design.

"Too often First Nation, Métis, and Inuit capital projects are designed with minimal community involvement, and ultimately fail to meet community objectives for this reason," says Patrick Stewart, PhD, MRAIC, chair of the task force.

"To achieve sustainable Indigenous communities, we need designers and designs that can create long-term relevance, exemplify a respectful cultural and economic and environmental responsibility to sustainable development, and consider the reciprocal well-being and quality of life of the people," says Stewart.

Our Hau Kāinga Hosts

American Southwest

Joseph Kunkel (Northern Cheyenne)

Joseph Kunkel, Assoc. AIA, is a community designer and educator working on building capacity in Indian Country. As an Enterprise Rose Architectural Fellow, Joseph worked directly with the Sustainable Native



Communities Collaborative (SNCC), and the Santo Domingo Tribal Housing Authority. His most recent work with SNCC has been to research and share exemplary Native American Indian housing projects and processes nationwide and build and develop emerging best practices. His professional career has centered on community-based design, ranging from material research and fabrication, to community-based planning, design and development. Joseph has taught, lectured and presented on the topics of land, culture, and place. Joseph received his Master of Architecture from the University of Maryland.



Nathaniel Corum

Nathaniel Corum is an architect and educator who has worked with SNCC, Indigenous Community Enterprises, Red Feather, and Architecture for Humanity on housing and community initiatives and to develop and research appropriate architectural, planning and materials solutions for diverse international and tribal projects. Corum has leveraged over 400 students from some 20 design programs in real-world, hands-on workshops that complement the efforts of professional project teams in diverse public-interest design situations. Nathaniel's design work and process has been widely published and included in several international exhibitions. Nathaniel holds an undergraduate degree from Stanford University and a Master of Architecture from the University of Texas at Austin. He is the recipient of a Rose Architectural Fellowship and author of "Building a Straw Bale House" from Princeton Architectural Press.

About Sustainable Native Communities

The Sustainable Native Communities Collaborative (SNCC) was founded in New Mexico in 2009 to advance the development of culturally and environmentally responsive housing design within American Indian communities.



Through planning, architectural design, technical assistance and research, the collaborative help tribal communities gain self-sufficiency, improve their impacts on the natural world, and develop healthy, green, culturally-appropriate communities.

For more info visit www.sustainablenativecommunities.org

Pacific Northwest

Day / Date	Activities
Day 1 Weds 17/5	Northwest Office of Native American Programs (NwONAP) El Centro de la Raza Plaza Roberto Maestas - Culturally-responsive transit-oriented development for El Centro de la Raza, a 40 year old comprehensive social services non-profit and hub for Seattle. Designed by 7 Directions Architects. Intellectual House (University of Washington) - Longhouse-style facility on the University of Washington Seattle campus. Designed by Cherokee-Choctaw architect Johnpaul Jones.
Day 2 Thurs 18/5	Puyallup Nation Housing Authority – Place of Hidden Waters - Culturally and environmentally responsive new housing development for the Puyallup Tribe in the Pacific Northwest. Designed by 7 Directions Architects. Skokomish Community Centre - A vital new gathering and recreation place for the Skokomish Tribe designed to express and celebrate Skokomish culture and traditions. Designed by 7 Directions Architects. Evergreen College Longhouse - Johnpaul Jones designed the new Many Nations Longhouse as an expression of the essential cultural values of welcome, community, and learning for Native American students and peoples. The new Fiber Arts Studio (in-progress), designed primarily by Māori sculptor and designer Lyonel Grant, will honor the long-term relationships among indigenous peoples of the Pacific Rim, symbolized by a curved roof that will reference canoes joining across the Pacific. Basket House (in-progress) - Rangi Kipa has participated in carving with local Skokomish and other Salish carvers
Day 3 Fri 19/5	Lu'ma Native Housing Society - Aboriginal Children's Village - A unique, 24-unit residence for foster children and their families in Vancouver. Designed by Patrick Stewart Aboriginal Housing Management Association (AHMA) - Hosted last World Indigenous Housing conference Vancouver Native Housing Society (VNHS)
Day 4 Sat 20/5	Seabird Island First Nation Sustainable Housing Development - A sustainable, affordable community housing project by the Seabird Island Band, designed in a way that reduces costs and minimizes environmental impacts, while creating a livable community - both now and well into the future. Seabird Island Administration Building - Designed by Patrick Stewart, the design considers the community's love of soccer in its gymnasium, uses basket weaving patterns on the walls and inset stones shaped like a fireplace in the lobby.
Day 5 Sun 21/5	Museum of Anthropology (UBC) Vancouver Art Gallery CAG – Vancouver Contemporary Art Gallery CAAD: Centre for Art Architecture + Design
Day 6 Mon 22/5	Ouri Scott, DIALOG – office & site visits

East Coast

Day / Date	Activities
Day 7 Tues 23/5 - Day 10 26/5	Flight Vancouver to Ottawa 2017 RAIC/OAA Festival
Day 11 Sat 27/5	RAIC Indigenous Design Symposium - Wabano Centre, Ottawa
Day 12 Sun 28/5	Victoria Island with Douglas Cardinal - Renowned Metis architect Douglas Cardinal has designed a centre for peace and a centre for Indigenous peoples combined with public parkland that acknowledges the status of the Falls and area, known in Indigenous languages as Asinabka and Akikodjiwan, as sacred site.

American Southwest

Day / Date	Activities
Day 13 Mon 29/5	Flight Ottawa to Phoenix Construction in Indian Country – Arizona State University - The Construction in Indian Country (CIIC) is a non-profit organization established in 2001 in a joint effort from the Office of the President on American Indian Initiatives and the Del E. Webb School of Construction (DEWSC) at Arizona State University. CIIC was created to assist in the quality management of construction among American Indian sovereignties while providing educational opportunities for American Indian students enrolled in the DEWSC. Joseph Kunkel to host.
Day 14 Tues 30/5	Heard Museum of Native Cultures and Art Southwest Office of Native American Programs (SWONAP) Native American Connections – Devine Legacy - A mixed-income, transit-oriented development along the north-south light-rail line of central Phoenix, Arizona developed by Native American Connections, a nonprofit corporation to serve the urban Indian population of Phoenix. Pascua – Yaqui – Guadalupe House - A low-cost home designed for the harsh desert climate of the Valley of the Sun, and reflects the unique culture of the Latino and Yaqui communities of Guadalupe.
Day 15 Weds 31/5	Navajo Nation Museum Navajo Nation – Elder Hoogan Homes - The Elder Hoogan Homes initiative worked directly with Navajo elders who helped design floor plans that would support traditional life-ways while being efficient and low-impact. Monument Valley Navajo Tribal Park
Day 16 Thurs 1/6	Nageezi House - The Nageezi House is a sustainable and affordable design/build project built with a Navajo elder family in Nageezi, NM with a team of professionals and students from ASU's department of Architecture in collaboration with the Navajo Housing Authority. Chaco Canyon
Day 17 Fri 2/6	Ohkay Owingeh – Owe'neh Bupingeh - Pueblo restoration and revitalisation project using mud plaster. Cultural leaders were consulted on issues to consider in the restoration process, and traditional methods were observed and evaluated along with design improvements.
Day 18 Sat 3/6	Symposium with Sustainable Native Communities Collective and the University of New Mexico's Indigenous Planning Institute - iD+Pi is an initiative of the School of Architecture and Planning, University of New Mexico. It was created in the Fall of 2011. Its goal is to educate and inform Indigenous design and planning by engaging faculty, students, professionals and community leaders in culturally responsive practices. Tribes which are located principally in New Mexico and the Southwest are afforded the expertise and resources of the School's to support projects that entail aspects of design and planning. The overarching goal of this activity is to foster sustainable communities among Indigenous populations—communities guided by principles of social justice and distinguished by healthy environments, strong local economies, and thriving cultures. ID+Pi headed by Ted Jojola.
Day 19 Sun 4/6	Santo Domingo Tribal Housing - Scheduled to be completed around May 2017, the 41-unit transit-oriented affordable housing project will connect residents to the nearby train station. The about two miles from the pueblo's main village and will be a mix of single- and two-story units in a style specific to the Santo Domingo Pueblo. The homes respect the tribe's historical preference for density and shared community spaces while placing residents in close proximity to needed amenities. Indian Pueblo Cultural Centre Petroglyph National Monument
Day 20 Mon 5/6	Mescalero Apache Housing Authority – I Sah' Din' Dii Housing Project - The I Sah' Din' Dii Housing Project, Phase I, is a rural development of 30 low-income housing tax credit (LIHTC) units and a community center that are located within a beautiful, high-altitude ponderosa pine forest in southern New Mexico.
Day 21 Tues 6/6	Ysleta del Sur Pueblo - Ysleta del Sur Pueblo is located within the cities of El Paso and Socorro, Texas. This low-income housing tax credit (LIHTC) Pueblo Homes project is situated in a 66-acre master planned community called District II in Socorro. As a clustered multiuse project, this mix of single-family and multifamily homes in a 60-unit development, with 30 duplexes and 30 single-family homes. Additional site elements include a playground/picnic area and community center/police substation. Fly El Paso to Auckland via Houston

