### 2016 CIIC NATIONAL CONFERENCE AGENDA

**Monday, April 25, 2016**

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<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
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<tr>
<td>6:00 AM</td>
<td>CIIC Student Endowment Golf Tournament Registration &amp; Continental Breakfast</td>
<td>Whirlwind Golf Club</td>
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<tr>
<td>6:00 &amp; 7:00 AM</td>
<td>Shuttle Departs Hotel</td>
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<td>8:00 AM – 3:00 PM</td>
<td>Golf Tournament</td>
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<td>8:00 AM Shotgun Start</td>
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<td>1:00 PM Awards Luncheon</td>
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<tr>
<td>10:00 AM – 6:00 PM</td>
<td>Early Conference Registration</td>
<td>Ironwood</td>
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<td>12:00PM – 4:30 PM</td>
<td><strong>CON 101: Planning, Design and Construction</strong></td>
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How do you get there (a building) from here (an idea)? Construction starts with planning, design, and financing and continues until the structure is ready for occupancy. Tens of thousands of steps are usually required, especially in highly complex buildings, and numerous stakeholders (owners, building users, architects, contractors, subcontractors) are involved. How does the process begin? What are the different decisions to be made and issues to address? What are the different types of construction? How is technology used? Which areas require involvement by lawyers and regulatory agencies? This session will provide an overview of the evolution of a building project with special focus on unique issues related to building on Tribal lands.

- Registration 11:30 am
- Meeting Start – 12:00 pm
- Welcome & Introductions

#### Topic 1
**Guests on The Land**
- Religious & Cultural Implications
- Challenges / Resolving Disputes
- Q&A

#### Topic 2
**Sovereign Immunity**
- What Standards Apply?
- Contract Clauses
- Q&A

#### Topic 3
**Project Delivery Methods**
- Master Planning
- Incorporating Culture into Design
- Q&A

#### Topic 4
**Lender Options**
- Accessing Capital
- Bonding Concerns
- Q&A

### Closing Remarks
- Open Discussion
- Adjournment
Tuesday, April 26, 2016

6:00 AM – 8:00 AM  Exhibit Booth Set-Up  Acacia A
7:00 AM – 6:00 PM  Registration  Ironwood
7:00 AM – 8:30 AM  Breakfast  Showroom
8:30 AM – 10:00 AM  OPENING GENERAL SESSION

Master of Ceremonies, Victor Begay, Educational Leadership and Innovation; Mary Lou Fulton Teachers College, Arizona State University

Opening Prayer, Miss Indian ASU
Posting of Colors, Ira H. Hayes American Legion Post 84

ASU President’s Office Welcome
Dr. Bryan McKinley Jones Brayboy, Special Advisor to ASU President on American Indian Affairs

Del E. Webb School of Construction Welcome
Dr. Allan Chasey, Program Chair

Construction in Indian Country Opening Remarks
Urban Giff, CIIC Board President

KEYNOTE: A SACRED SPACE - THE INTERSECTION OF HEALING AND ENVIRONMENT
Dr. John Molina, Director of Health Systems for the Dena’ina Wellness Center, for the Kenai Old Indian Tribe in Kenai, Alaska
American Indians and Alaskan Natives (AI/AN) suffer the highest health disparities of any population in the United States. This poor health status has been attributed to social determinants of health, genetic predisposition to specific diseases and the impact of Historical Trauma. This presentation will outline how indigenous belief systems and architectural design can intimately intersect to create a “sacred space” that promotes the healing of mind, body, and spirit in AI/AN communities.

10:00 AM – 10:30 AM  COFFEE BREAK  Foyer
11:00 AM – 7:00 PM  TRADESHOW FLOOR OPEN  Acacia A

10:15 AM – 11:45 AM  WORKSHOP SESSIONS I  Ocotillo AB

Renovations Don’t Have to Slow You Down
Moderator/Panelist: Jeff Ehret, President, The PENTA Building Group
Panelist:
Bryan Benso, Director of Real Estate and Development
San Manuel Band of Mission Indians
Nick Schoenfeldt, Vice President & Partner, Thalden Boyd Emery Architects

This workshop will explore complex casino remodels with perspectives shared by owner, architect, contractor and cost consultant. Panelist will have an in-depth dialogue about how embracing a philosophy of an early partnership between all participants’ results in the planning and time required to successfully execute complex remodels. Examples of specific success stories will be shared.
Sovereign Healthy Communities
Moderator/Panelist: Craig Nolte, Regional Manager, Community Development, Federal Reserve Bank of San Francisco
Panelist:
Dawn Coley, Tribal Healthcare Reform and Education Program Manager, National Indian Health Board
Micheal Allison, Native American Liaison, Arizona Department of Health Services

Explore ways to promote a healthier community. Learn what is contributing to health disparities on your reservation and steps you can take to promote health.

Tribal Economic Development 101
Moderator: Rob Salas, Executive Vice President, Tribal Indemnity, LLC
Panelist:
Marcelino Flores, Tribal Council Member, Pascua Yaqui Tribe
Jamie Fullmer, Chairman/CEO, Blue Stone Strategy Group
Kim Kanuho, President/Planner, Fourth World Design Group LLC

Tribal Economic Development exists ephemeral within three mainstream schools of thought, namely Planning, Economic Development and Nation Building. This course is intended to recognize values and principles of each respective discipline and how they may be applied to Tribal economic development efforts overall. The approach is to build upon a base understanding of Indian Country and the applicable land and governance status. History and culture are explained in a manner that shapes recent history and economic outlook of individual Tribes. At its culmination, Tribal Economic Development shines as a holistic approach to Human Development and Innovative Leadership.

Tribal Housing: Priorities and Current Research Efforts
Moderator: Debbie Broermann, Southwest Office of Native American Programs US Department of Housing and Urban Development
Panelist:
Kristen Parrish, Assistant Professor, Arizona State University;
Sky Dawn Reed, Graduate Student, Arizona State University

This interactive workshop presents the results of a survey conducted by Arizona State University to understand the tribal housing priorities of various stakeholders engaged in tribal housing developments. Our survey was sent to over 1,000 people and had an impressive response rate. The survey prompted respondents to enter their role in tribal housing, their viewpoint on tribal housing priorities, and sources they use to access their information. This survey formed the basis for a master's project at Arizona State University, as well as the basis for research proposals related to tribal housing and for future housing developments.

12:00 PM – 1:30 PM LUNCHEON SESSION
Entertainment: Tony Duncan, Native American Music Awards Artist of the Year

KEYNOTE: HOW DOES THE WHOLE HEALTH OF A PERSON AND FAMILIES INFLUENCE THE BUILT ENVIRONMENT?
Diana “Dede” Yazzie Devine, President/CEO, Native American Connections

Communities are listening to their tribal members, whether they live on or off reservation, in planning, designing and constructing from a holistic, integrated perspective. A new hospital or school will need housing for employees who want a place to live that takes into account public safety, activities and childcare for their kids, and other amenities that improve the quality of their lives. Thoughtful development impacts our young people and student’s decision to return home to a job and quality affordable housing. However, innovation in integrative planning and design will require leveraged financing and the identification of new sources and partners for financing, and a focus on the long term operations, compliance, and sustainability. Native American Connections started 40 years ago, one project at a time, and has grown into a multi-service organization.
Technology Advances and Considerations in Construction

Automated Change Analysis of Buildings, Bridges, and Construction Sites Using 3D Laser Scanning Technology

Panelist: Pingbo Tang, Assistant Professor, Arizona State University

The objective of this workshop is to introduce how 3D laser scanning technology and automated change analysis algorithms can assist civil engineers and construction managers in rapidly identifying and analyzing spatial changes of buildings, bridges, and construction sites. Spatial change information can be deformation of building and bridge structures, changes due to construction progress, and deviations between as-designed information and actual conditions of facilities and job sites, and etc. Detecting and analyzing such changes is necessary in supporting various decisions in civil engineering projects. Such rapid 3D imagery data collection and change analysis can provide timely and detailed information about the following questions: how spatial changes arise? What would be the implications of different types of changes? How various changes influence each other? Answering these questions can help civil engineers and construction managers in assessing conditions of bridges and building facilities for maintenance planning, and in analyzing on-going construction site activities for proactive resource allocation.

Advance Construction Technology for Owners

Panelist: Krupesh Kakkente, Construction Solutions Consultant, CADsoft Consulting

Most often construction project handover to the Owners and Facilities Management teams have been very disconnected. The knowledge and Construction project specific data such as submittals and “as-built” drawings have been turned over in a format that is not consumable ready for the Building Maintenance teams. With the use of advance onstruction technology on construction projects from design, through construction to handover to the owner / facilities maintenance teams; it makes for an intuitive and easy to use solution for all involved. It also leads to the concept of single source of truth for all Project related data such as, BIM Models, Drawings, Submittals, RFI’s, “as-builts” (models and Drawings) and all Maintenance and Repair Issues through the life of the facility.

Benefits and Costs of Master Planning

Moderator/Panelist: Abram Nielsen, Senior Landscape Architect and Planner, FFKR Architects
Panelist: David Giles, Principal Architect, FFKR Architects
Alonzo Coby, Planning Director at Shoshone-Bannock Tribes, Shoshone-Bannock Tribe
Troy Cook, Landscape Architect and Planner, FFKR Architects

We will look at the numerous benefits, misconceptions, and costs of master planning in tribal communities. focus on the importance of communication and collaboration between the tribal leaders, tribal community, and consultants.


Moderator: Roger Owers, Attorney, Sacks Tierney P.A.
Panelist: Judy Dworkin, Attorney, Sacks Tierney P.A.; Peter Delgado, Pete Delgado, Executive Director, TDHE Program, Tohono O’odham Nation; Tahda Ahtone, Managing Attorney for the Chilie office of DNA—People’s Legal Services, Inc.

Housing in Indian Country has several challenges, including those dealing with business matters, technical requirements, and legal issues. This workshop explores some of those challenges and provides some best practices for overcoming them.
Well-Building in Indian Country
Moderator: Michael Shulman, Illuminating Concepts
Panelist: Kristina Ennis, Design Principal, JCC Architecture
Vernelle Taylor, Director of Tribal Relations - Flintco
Tamarah Begay, President/CEO - Indigenous Design Studio + Architecture

Advancements in design and technology are transforming the places where we work, live and play to nurture greater health and well-being. Health and wellness are frequently being considered a priority during the design and construction decision making process. New guidelines like the WELL Building Standard can help to guide Tribal communities toward a holistic approach to healthier spaces. This panel will review some of the many approaches, features and benefits of WELL-Building in Indian Country.

3:30 PM – 5:00 PM WORKSHOP SESSIONS III

From Dreams to Reality: How to Build Successfully on Tribal Lands

10 Reasons Why Previous Experience with NA Communities is Absolutely Critical for Successful Building Projects

Moderator: Jacob C. Moore, Assistant Vice President of Tribal Relations, Arizona State University
Panelist:
Brian Fagerstrom, Founder/CEO, Amaktoolik Studios
Lisa Jelliffe, owner, Jelliffe Strategies, and senior project manager, Amaktoolik Studios

‘Purchasing’ design and construction services is not like shopping for a product from a catalog. The workshop will focus on 10 reasons why hiring firms with previous Native American experience is critical to the success of your project.

How the American Indian Council of Architects and Engineers Can Make Your Dreams a Reality

Panelist: Tammy Eagle Bull, Secretary, American Indian Council of Architects and Engineers

This workshop will provide information about the AICAE organization and highlight the capabilities of its members and firms. Workshop participants will be given instructions on how to post Requests for Proposals and Qualifications on the AICAE website so that member firms know about your project opportunities. Participants will also gain insight into the unique qualifications and processes that a Native design professional can bring to your tribal project.

Come see the talent and professional expertise we have among Native architects and designers. AICAE seeks to become the first stop for Tribal nations and organizations when they are starting a project. AICAE members can work with you to make your visions for your community come true.

Planning and Delivering A Healthy Home Environment

Moderator: Darryl Sam, Sr. Project Engineer, Kitchell
Panelist:
Vernon Swaback, Principal, Swaback Partners
Ron Ecker, Kitchell; Aneva J. Yazzie, Chief Executive Officer, Navajo Housing Authority

The Navajo Nation embarked on a Sustainable Community Master Plan for homes. The initial project under the master plan has now been developed to construction documents for off-site, site, and residences. Also guidelines are being established with HUD, and financing mechanisms have been identified. This panel will discuss the evolution and development with processes that apply to any Native American Nations needs for healthy homes.
Construction Administration Procedures – from Grant Funding to Project Closeout

Moderator: Carmenlita Chief, Research Specialist Sr., University of Arizona Mel & Enid Zuckerman College of Public Health
Panelist:
Ross Hanson, Advanced Engineering and Environmental Services, Inc. (AE2S)
Deon Stockert, Regional Client Program Leader, Advanced Engineering and Environmental Services (AE2S)

Construction administration often takes a back seat to the importance of getting a project constructed, although proper procedures throughout the project can increase project efficiency and help maintain construction schedules; consequently, construction administration – from funding authorization through closeout – not only becomes critical during a project, but can help secure funding dollars in the future. Let’s review the EJCDC construction documentation, the common methods used to prepare/finalize these documents, project closeout practices, and various funding agency documentation requirements.

Community Innovations and Indigenous Materials

*Residential Construction with Indigenous Materials: Getting More for Less*

Moderator: Wanda Dalla Costa, Visiting Eminent Scholar, Indigenous Architecture & Construction, Del E. Webb School of Construction
Panelist:
Jefferson Begay, Construction Manager, Navajo
Ann Johnson, Teacher and Straw Bale Builder
Richard Ivy, Architect, NCARB, DBIA, MBA

Housing shortage in Native American communities is critical. This is true for all Native Communities across the United States and Canada. Housing programs cannot meet the needs due to lack of funds, land availability and the resources to build. Individuals have become dependent on the tribal and federal housing programs to build their homes. This is a deviation from the tradition of the past when Native families would build homes using local indigenous materials with the assistance of their family and neighbors. Tribal housing programs today are having development problems spending Federal Housing funds resulting in millions of dollars being returned to the Federal programs leaving many Native families without homes.

*Indigenous Materials and Tribal Housing: Collaborating with Universities in Support of Local Initiatives*

Panelists: Wanda Dalla Costa, Visiting Eminent Scholar, Indigenous Architecture & Construction, Del E. Webb School of Construction

This session will review the local applicability of a number of indigenous building materials including rammed earth, adobe brick and compressed adobe block. We will compare the technologies in terms of thermal performance, longevity, maintenance, cost and embodied energy. A series of collaborative projects between universities and tribal communities will be highlighted. The presentation is intended to initiate a discussion of how community-driven initiatives may inform strategy and policy, at local and/or national levels.

5:30 PM – 7:30 PM   Tradeshow Networking Reception
Wednesday, April 27, 2016

7:00 AM – 5:30 PM   Registration   Ironwood
7:00 AM – 8:30 AM   Breakfast   Acacia A & Foyer
8:00 AM – 2:00 PM   Exhibit Hall   Acacia A

8:30 AM – 10:00 AM   WORKSHOP SESSIONS IV

Safety Considerations for Safe Environments

*Preventing Slip, Trip and Falls on Wet contaminated Walkway Surfaces*

Moderator: Jeff Ehret, President, The PENTA Building Group
Panelist: Mark Ramos, President, Arizona Safe Flooring Solutions, LLC

This workshop will include statistics on slip trip and fall injuries, emerging trends on prevention, and information on choosing the appropriate floor systems for particular environments. We will also discuss the ANSI-B-101.11 walkway audit and the investigation of injuries. In addition, we will discuss how to choose an experienced flooring installer, and flooring maintenance equipment and products appropriate for the environment, such as high traction (anti-slip) coatings and daily floor cleaners.

*What's new with OSHA and Silica*

Panelist: Joseph Lanute

Indigenized Construction and Economic Development: Equipping Indian People with the Tools Needed to Build the Communities They Desire

Moderator/ Panelist: Michelle Hale, Assistant Professor, American Indian Studies, Arizona State University
Panelist:
Wanda Dalla Costa, Visiting Eminent Scholar, Architect, Del E.Webb School of Construction, Arizona State University
Jerome Clark, Program Manager, Del E.Webb School of Construction, Arizona State University
Chandler Willie, Graduate Student, Herberger Institute, Arizona State University

This round table challenges conventional approaches to planning, design and construction and advocates for the active involvement of Indian communities in the process, as partners, rather than passive recipients. Our panelists will offer examples and identify opportunities to interject history, culture, identity and values through planning, design, architecture and construction to actively engage tribal community members when doing community planning and development.

Choctaw Nation: Investing in Spaces to Advance Tribal Culture and Wellness

Moderator: Peter Stevens, President, JCJ Architecture
Panelist:
Scott Celella, Principal, Chief Project Officer, JCJ Architecture
Gena Timberman, Principal, Luksi Group
Steve Ortwein, Director of Pre-Construction, Manhattan Construction

Choctaw Nation: Investing in Spaces to Advance Tribal Culture and Wellness

The Choctaw Nation is taking a proactive approach to preserving the rich cultural history of the Nation, and the health of its people through the built environment. The Nation’s carefully planned investment in multiple buildings, including a Cultural Center and Wellness Center, demonstrates the important role that both culture and wellness play in daily life. Panelists, including representatives of the Choctaw Nation, design team, construction team, and cultural center specialists will explore the objectives, challenges and benefits of these concurrent projects. The buildings will serve as a model to other Tribal Nations, looking to stimulate cultural interest and to influence healthy lifestyles for generations to come.
The recession was a punch in the gut to the construction industry and its workforce. It didn’t help that Arizona passed SB 1070 which also contributed to a labor shortage. Add to that a workforce rapidly aging out and the lure of higher paying jobs for younger more mobile workers. Shop and woodworking classes have long disappeared from high schools. Contractors are already seeing the effects of underqualified inexperienced workers in the field increasing incidences of safety related issues on the jobsite. Now what? Where will our trade laborers come from? This program includes representatives from the trade industry, ASU DEWSC and the Tulalip Tribes solution to creating a workforce from within utilizing the resources of their technical college with assistance from the Tulalip TERO offices. Discussion will explore the challenges and present solutions to ensure there are enough skilled laborers to build not only in Indian Country but throughout the United States.

10:15 AM – 11:45 AM  WORKSHOP SESSIONS V

Effective Homeownership Programs  
Moderator/ Panelist: Craig Nolte, Regional Manager, Community Development, Federal Reserve Bank of San Francisco  
Panelist: Andrea Dunyon, Team Lead, GM, Loan Guaranty Specialist, US Department of Housing and Urban Development  
Pete Delgado, Executive Director, TDHE Program, Tohono O’odham Nation  
Join this session to discuss how we can increase opportunities for homeownership on Indian reservations. This session is designed to address common challenges to homeownership on reservations.

Tero Part II Getting Qualified  
Moderator: Jeff Ehret, President, The PENTA Building Group  
Panelist: Jeff Mills, Project Executive, The PENTA Building Group  
Brad Campbell, CEO/Principal Owner, Bear Claw Construction Management  
Hutch Noline, TERO Director, San Carlos Tribe  
As a direct result to questions asked during previous TERO discussions of Indian Preference in Hiring and subcontracting, we will be provide the qualifications that a general contractor looks for when seeking subcontractors on a project. The panel will include a Native owned contractor whose story includes starting his business, becoming TERO certified and gaining the experience required to become a general contractor and also TERO directors who will discuss the process of becoming certified and what that means.
Land-Use Plan Decision-Making Process for Shakopee Mdewakanton Sioux Community - Case Study

Moderator: Krista Thompson, Fort McDowell Yavapai Nation
Panelist: James Dee Rendon, Studio Director, Principal
Andrew Vig, Working Group Member, Culture and Historic Preservation Program, Shakopee Mdewakanton Sioux Community

This comprehensive, process-driven case study of the Shakopee Mdewakanton Sioux Community Master Plan delves into the process, development, design and implementation of this holistic Community plan. Shakopee Mdewakanton Sioux Community representative, Andrew Vig and WORTHGROUP Principal/Architect, James Dee Rendon will illustrate the collaborative process of the design effort from the early stages through the unanimous Community approval.

The masterplan organizes 4,000 acres of Tribal land for current and future uses, incorporating strategies for residential, enterprise, government, cultural and Community growth while establishing concepts that strengthen the connectivity of the Community’s growing neighborhoods. The Cultural Center is the first project to stem from the master planning effort and will break ground this spring. It is an organic structure that is shaped, organized and developed to represent the spirit of the SMSC Community and provide a place for the entire Community to gather, celebrate, dance, drum, sing, craft, tell their story, learn and socialize.

10:15 AM – 11:45 AM Infrastructure and Design: Maintaining Access to Clean Water/Environments

Decision Support System for Prioritizing Water Infrastrucure Investments on the Navajo Nation

Moderator: Brianne Arviso, Arviso Construction, Assistant Project Manager
Panelist:
Ronson Chee, P.E., M.S., University of Arizona / Tetra Tech

The workshop will discuss results of a Decision Support System (DSS) that has been developed, that prioritizes large scale water infrastructure projects on the Navajo Nation. The DSS uses the Analytic Hierarchy Process (AHP) framework to evaluate projects using three main competing criteria: Health, Economics and Environment. The AHP is a multi-criteria decision analysis method structured in a benefit-cost hierarchy framework. A modified cost-benefit ratio is calculated for each project, compared and ranked. Weights developed by Navajo Nation decision makers are assigned to criteria and are used to guide complex decision making regarding water infrastructure investments.

Sustainable Underground Utility Design and Construction Workshop

Panelist: Jonathan Raymer, Federal Market Manager, UGSI; Cole Grinnell, Manager of Tribal Programs, UGSI

Innovative and emerging construction methods and materials are increasingly being utilized by tribal utility owners and operators to save cost on installation and minimize the impact of construction on the environment and tribal lands. The decisions made at the time of design and construction have a significant impact on the energy and resources required to collect, treat, store, and distribute water or other utilities throughout the life of a system. Several proven alternate methods and materials for new installation and rehabilitation will be presented that provide options to utility owners and engineers when designing, constructing, and operating these utilities. Case studies of tribal projects will be presented and ample time will be provided for discussion.
Entertainment: Gila River Bird Song Dancers

KEYNOTE: THE FUTURE OF COMMUNITY ENGAGEMENT: RENEWING THE CAPACITY OF INDIGENOUS COMMUNITIES TO SERVE THEMSELVES
José Galarza, Director, DesignBuildBLUFF, The University of Utah

When architects talk about community engagement what do they really mean? Typically it is an imported service-oriented idealization that intends to benefit the less fortunate. The challenge of this perception is that community engagement stays at the periphery of contemporary practice, happening only in spare time, if at all. By focusing on the symptoms of community needs it undermines deeper systemic issues. Indigenous communities today are not disadvantaged because they don’t have architects. Till the middle of nineteenth century, building was an essential life skill, like cooking, stitching, weaving, storytelling and throwing pots. Pre-modern building production was for most regions necessarily homegrown and informed by the availability of materials at hand and inherited technical expertise. Given that we now exist in an industrialized and globalized market place how do our communities renew the capacity to serve themselves and secure design building professionals who live within the communities they are serving?

Remarks: Wanda Dalla Costa, Visiting Eminent Scholar, Architect, Del E. Webb School of Construction, Arizona State University

Closing Remarks:
Kari McCormick, CIIC Conference Committee Chairperson

2:00 PM – 5:00 PM Exhibit Closing & Teardown