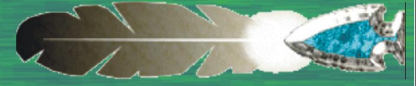




# Tribal Green Design Summit



**March 20-21, 2007  
College of Menominee Nation**

## **PRESENTERS**

### **Red Feather Development Group**

Red Feather Development Group is an independent, non-religious 501(c)(3) nonprofit organization that employs volunteer humanitarian action to empower American Indian communities, foster cultural sensitivity and understanding, and contribute grassroots solutions to the enormous challenge of improving the dire housing conditions facing many of our nation's reservations. Established in 1995, Red Feather works in partnership with Indian families and communities to implement sustainable home construction methods that offer hope to the tens of thousands of tribal members that have no home of their own.

Red Feather educates and empowers American Indian nations to create sustainable solutions to the severe housing crisis within reservation communities. While focusing public attention on the intergenerational poverty and acute community development problems that plague American Indian reservations, Red Feather teaches affordable, replicable and sustainable approaches to home construction. Red Feather organizes volunteers, and, alongside tribal members, builds desperately needed homes.

The Red Feather approach builds on the strengths of each tribe's unique traditions and works with all generations to achieve positive family and community development. Using progressive community education and a hands-on approach to construction methods, Red Feather establishes frameworks for long-term self-sufficiency. Red Feather builds homes with, not for, American Indians. Through a long-term commitment with individual communities, individuals gain the skills and confidence necessary to build desperately needed homes themselves. Healthy homes are the foundation young people need to enable them to address the many other important issues facing their lives and their nation.

Red Feather's approach neither begins nor ends with constructing an affordable house. Prior to any project, Red Feather staff conducts informational and educational seminars on the reservation to educate tribal members about sustainable, straw bale construction techniques and community planning. In addition, Red Feather assists tribal members with the complicated mortgage process and collaborates with tribal housing authorities to facilitate individual homeownership. Once a project is complete, there is ongoing collaboration between tribal homeowners, tribal housing authorities and Red Feather, as each home or facility serves as an example for the rest of the reservation community of how to create a beautiful, super-insulated, affordable straw bale home.

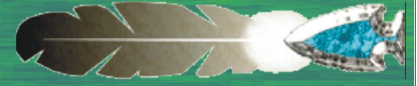
Red Feather Development Group  
American Indian Sustainable Housing Initiative  
P. O. Box 907  
Bozeman, MT 59771-0907  
(406) 585-7188  
[www.redfeather.org](http://www.redfeather.org)

**Mark Jensen**  
Construction Program Director

**Eric Wandmacher**  
Design Build Associat



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## PRESENTERS

### **Council of Energy Resource Tribes**

The Council of Energy Resource Tribes was founded by Indian Tribes out of necessity and out of a profound sense of collective self-confidence - the confidence that they could chart a new course of prudent development that would address Tribal priorities and values while contributing to a more secure energy future for all Americans.

**CERT Mission:** To support member Tribes as they develop their management capabilities and use their energy resources as the foundation for building stable, diversified self-governing economies (according to each Tribe's own values and priorities).

**CERT Programs and Services:** The services CERT provides evolved in tandem with the development of Tribal capabilities and with the issues, which confront Tribal goals. CERT is now focusing on the internal domestic energy needs of Indian Tribes through its services. *Strategic Planning:* CERT assists Tribes to create comprehensive Tribal energy visions, strategic and implementation plans according to unique Tribal values and resources. *Policy Advocacy:* CERT is a focal point for developing Tribal consensus on national concerns, communicating Tribal views to government decision makers, engaging in dialogue on pertinent issues, and monitoring national initiatives. *Technical Assistance:* CERT technical assistance delivery and response is as diverse as the Tribal requests and needs. CERT and its alliance partners assist Tribes in virtually every stage and phase of development and capacity building. *Capacity Building:* CERT capacity building is both general and very specific, even customized, to meet the demands of Tribal developments. *Partnerships:* CERT initiates and manages a number of corporate alliances with leaders from the industry sector.

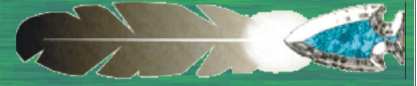
Council of Energy Resource Tribes  
695 S. Colorado Blvd, Suite 10  
Denver, Colorado 80246  
303-282-7576  
[www.certreearth.com](http://www.certreearth.com)

**Roger Fragua**, Deputy Director (*Jemez Pueblo*) is currently the Deputy Director and has dedicated his professional career to the advancement and development of American Indian communities. Prior to joining CERT, Roger worked as an executive at leading energy companies creating innovative business concepts and promoting partnerships between Tribes and industry. Roger has also worked with the Western Governors' Association and the National Tribal Environmental Council on State and Tribal relations as it relates to environmental issues. The basis for Roger's commitment to Indian Country is steeped in his long-tenured background as the Tribal Administrator for his own Pueblo.

**Tweedie Doe**, Research Associate is the newest CERT staff member. Tweedie is honored to be a part of the hard-working team. Tweedie joins CERT after 10 1/2 years in marketing research. She is thrilled to be working on energy and legal issues that may help improve life quality on Tribal land. She received her advanced degrees from the University of Washington and the University of Denver in Political Science and International Economics. Not until her work in Indian country has she understood how her studies in government, development, and human rights can collaborate toward community prosperity.



# Tribal Green Design Summit



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## **PRESENTERS**

### **Indigenous Planning Division of American Planning Association (APA)**

The Indigenous Planning Division is a professional organization that advocates for a community development approach that is based upon an indigenous planning paradigm. Indigenous planning is predicated on land-tenure principles and using the distinctive worldviews of indigenous peoples to inform community development.

The Indigenous Planning Division advocates community development based on land-tenure principles and informed by the distinctive worldviews of indigenous peoples. Members are committed to social, economic, and political change and welcome all those interested in sustaining traditional indigenous approaches to planning. The division provides its members with a forum for exchanging ideas and solutions and making connections with peers. The long-term goals include developing a resource manual, a certification program in indigenous planning, and an internship network for students interested in working with indigenous communities.

Indigenous Planning Division was approved by the APA Board of Directors during the 2004 APA National Planning Conference. This effort has been long forthcoming and is the result of many years of discussions among tribal planners and indigenous practitioners throughout the country. It has been established to fill a critical void that exists among professionals and will serve to bring visibility and give credibility to the unique and necessary planning approaches that have evolved on indigenous lands and among their communities. Indigenous Planning Division is committed to a community development process that must be informed by the special legal and cultural framework necessary for implementing meaningful social, economic, and political change.

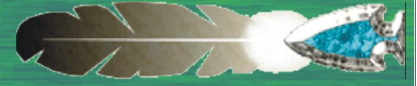
Indigenous Planning Division of American Planning Association (APA)  
122 S. Michigan Ave, Suite 1600  
Chicago, IL 60603  
505-277-6428

[www.planning.org/indigenous/index.htm](http://www.planning.org/indigenous/index.htm)

**Celine Elm**, of the Oneida Nation, Wisconsin, is head of IP Division Region IV. She was formerly director of the Indigenous Planning Network, the precursor to this division.



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## **PRESENTERS**

### **Energy Center of Wisconsin**

The Energy Center of Wisconsin is a private, non-profit organization dedicated to improving energy sustainability including support of energy efficiency, renewable energy, and environmental protection.

*Mission:* The Energy Center develops solutions to energy challenges that promote economic and environmental sustainability through innovative research and education. ECW envisions the efficient use of energy resources, a healthy environment, and a strong economy.

*Capabilities:* The Energy Center is equipped to bring the most effective energy efficiency technologies to market. Our staff specializes in the many disciplines necessary to make energy efficiency a reality.

*Results:* Since its founding in 1989, the Energy Center has completed hundreds of energy efficiency and renewable energy projects spanning all major market sectors-residential, low-income, commercial, industrial and agricultural. All projects address a wide variety of topics and technologies, from green building design to K-12 energy education to industrial process improvements. These projects are geared to getting the word out about energy efficiency and renewable energy.

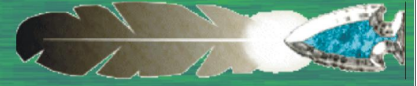
### **Energy Center of Wisconsin**

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Madison, WI 53711  
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E-mail: [ecw@ecw.org](mailto:ecw@ecw.org)

**Lee DeBaillie, P.E., LEED AP:** Lee's facility with energy modeling and life cycle cost analyses provides fundamental information on the energy impacts of buildings. At the Energy Center, Lee conducts building system analyses and energy modeling for the We Energies Commercial New Construction Program. He also provides technical assistance, program design, and project management for the Energy Center's energy-efficient new commercial construction initiatives and is a resource for commercial building design professionals, contractors, building operators, and owners on the energy components of high performance buildings. Lee has a Masters of Science Degree in Mechanical Engineering from the University of Illinois. He is a registered Professional Engineer, a LEED Accredited Professional and an Association of Energy Engineers Energy Manager.



# Tribal Green Design Summit



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## PRESENTERS

### **Gimme Shelter Construction**

Gimme Shelter design and construction company has been building the most energy-efficient homes in Wisconsin. The firm, which has earned a reputation for building quality custom homes that are durable, beautiful, comfortable, and environmentally friendly, was started in 1987, by partners who all shared a similar philosophy about home construction methods and protecting the environment.

Owners Mark Klein and Jim McKnight have been designing and building high-performance homes for over 25 years. Mark lives in an off-the-grid home he designed and built, which features a masonry heater, solar hydronic heating system, and a renewable electrical system powered by solar and wind. Jim lives in a home he designed and built which features passive solar design, a masonry heater, and a solar hydronic heating system.

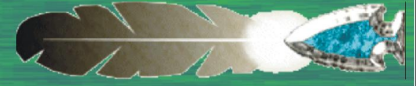
Gimme's homes have consistently earned the 5-star rating and better from Wisconsin [ENERGY STAR Homes](#)<sup>®</sup>, including one of the highest rated homes in Wisconsin. In 2004, Gimme Shelter was recognized as a Program Pioneer, and for Building Air Tightness by the Wisconsin Energy Star Homes program. Gimme Shelter Construction homes are among the highest rated in the [Green Built Homes](#)<sup>™</sup> program for green building practices and design. In 2000, Gimme Shelter won the Wisconsin FOCUS ON ENERGY Sustainable Builder of the Year Award, and the National Association of Home Builder's Research Center Energy Value Housing Award. Gimme won the National Home Builder Association's Innovative Construction Award in 1999. A Rumford Fireplace installation, featuring Shenandoah Splitface stone was chosen as January 2005 Project of the Month by Buechel Stone Corp.

Mark & Jim have written about energy efficient construction techniques, renewable heating systems, and masonry heaters in *Home Power Magazine*, and have had homes featured in *Countryside & Small Stock Journal*, *Wisconsin Trails*, *Builder/Architect*, and the American Solar Energy Society's publication *Solar Today*.

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# Tribal Green Design Summit



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## **PRESENTERS**

### **USDA Forest Products Laboratory, Robert Ross**

Bob is a Supervisory Research Engineer heading the Engineered Properties and Structures unit for Wood Products Research at the Forest Products Laboratory in Madison Wisconsin. Bob earned his BS degree in Wood and Fiber Utilization and a MS degree in Engineering Mechanics from Michigan Technological University and a PhD in Engineering Science from Washington State University. Bob has received numerous professional awards including several national awards for "Excellence in Technology Transfer". Bob is author or co-author of over 200 technical reports and journal articles, most of which deal with nondestructive testing of wood, wood structural systems, and processing equipment design and evaluation. He holds 21 U.S. and foreign patents, most of which are in the nondestructive testing of wood and related equipment design area.

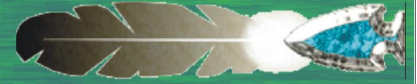
Bob has taught inspection courses for the American Society of Civil Engineers, National Academy of Building Inspection Engineers, and the American Society of Home Inspectors. He is an Adjunct Professor, School of Forestry and Wood Products, Michigan Technological University, Adjunct Senior Research Associate, Natural Resources Research Institute, University of Minnesota Duluth, and Adjunct Professor, Northeast Forestry University, College of Engineering and Technology, Harbin, China. He has led inspections of historic structures for the U.S. Department of Defense (the U.S.S. Constitution), the U.S. Department of the Interior (Keweenaw National Historic Park), the U.S. Department of Agriculture (Grey Towers National Historic Site): Michigan Technological University (Otter River Trout Rearing Station) and other local and regional organizations.

Bob will be participating in the Tribal Green Design Summit to discuss various wood based construction materials that could be used in green design and construction projects. Bob will have samples of materials for participants to see as well as practical advice for utilizing small diameter wood, new composite material, and recycled or reused wood products. Bob will also discuss the assessments and rehabilitation of wood structures. Bob will be sharing his experience from almost 30 years working for the USDA Forest Service at the Forest Products Laboratory.

Robert J. Ross, Project Leader  
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# Tribal Green Design Summit



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## **TRIBAL CASE STUDIES**

### **Bad River Tribe Band of Lake Superior Tribe of Chippewa**

Following Green Design Principles in Planning Tribal Facilities

Presenter: Tom Wojciechowski Ed.D., former Project Manager

This presentation will share the planning process used by the Bad River Tribe in the design of the Three Essential Community Facilities project. The project includes an Elderly Community Center, A 24-unit Elderly Housing building and an Early Childhood Education Center. The Tribe followed US Green Building Council, Leadership in Energy and Environmental Design (LEED) guidelines in the planning, and the Elderly Center is currently registered as a LEED project. Site construction has begun and anticipate beginning building construction in 2007. The presentation will explore the challenges and benefits of LEED. The presenter will also discuss current LEED goals in each of the guideline categories and explore our choices in each category.

UW-Extension Community, Natural Resource and Economic Development  
Agent/Educator

Ashland County Extension Office

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Phone: (715) 682-7017

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[tom.wojciechowski@ces.uwex.edu](mailto:tom.wojciechowski@ces.uwex.edu)

### **Oneida Nation of Wisconsin**

Presenter: John Breuninger, Oneida Planning Department

This presentation will share the planning process used by the Oneida Nation of Wisconsin, which incorporates green design and smart growth principles.

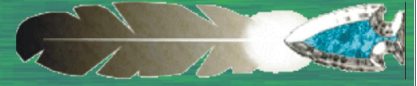
N7332 Water Circle PL., PO Box 365, Oneida, WI 54155

Phone: 920-869-4526, Fax: 920-869-1610

[jbreunin@oneidanation.org](mailto:jbreunin@oneidanation.org)



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## TRIBAL CASE STUDIES

### **Pokagon Band of Potawatomi Indians**

Pokagon Phase I Tribal Housing Development & Complex Master Plan

Presenters: Mark Parrish, Environmental Coordinator  
Jeff Fullhart, Building Official/Inspector

The presentation will detail the the Pokagon Band of Potawatomi Phase I Tribal Housing Development & Complex Master Plan.

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Pokagon Band of Potawatomi Indians  
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Jeff Fullhart  
Building Official/Inspector  
Pokagon Band of Potawatomi Indians  
Department of Housing, Planning & Development  
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### **Turtle Mountain Community College**

Presenter: Kris Delorme, Project Engineer

The Turtle Mountain Community College from inception has adopted and adheres to the Ojibwa philosophy that we are stewards of Mother Earth. In planning for the future, the college will consistently maintain these values. Any growth changes made whether it be academic, grounds or facilities is designed and built in recognition of the tribal mother earth stewardship thought at the forefront of planning. This presentation details the Turtle Mountain Community College new campus integrating systems and products that are environmentally friendly and cost efficient in the long term. The college has built a 145,000 sq/ft facility designed around the concept of the Four Directions and the Seven Teachings of the Ojibwe. It also utilizes a closed loop geo-thermal well system for heating and cooling and wind turbine to generate additional electric power.

Turtle Mountain Community College  
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