



CROCKER · LTD

Architectural Conservation

Edward E. Crocker
President

Professional Background:

1997 - present: Contractor and consultant in architectural conservation, Crocker Ltd and Crocker & Associates.
1988 -1997: Technical Director, Cornerstones Community Partnerships.
1984 -1988: General construction contractor in Santa Fe.
1983 -1984: Cowhand
1981 -1983: Contractor in western and central Mexico for development of ground water resources.
1971 -1981: Co-owner of drilling and ground water resource development business in New Mexico.
1962 -1970: Supervisor and staff, Museum of New Mexico, the School of American Research and the University of Pennsylvania Museum on archeological projects in New Mexico, the Grand Canyon, Arizona, and Tikal, Guatemala.

Education:

Certificate in post-graduate study in the preservation of earthen architectural heritage. CRATerre - Ecole de Architecture de Grenoble, France, 1990.
B.A. Anthropology (Mesoamerican archeology), Latin American history (minor). Tulane University, 1971.

Licenses and Certifications:

NM CID #60296 (licensed since 1984). Classifications: GB-98 (General Construction), EE-98 (Electrical), MM-98 (Mechanical).
AZ ROC #235761 General Commercial (Class B-01) contractor license (2007).
Certified for archeological monitoring on New Mexico State and National Park Service land.
Certified A.B. Chance helical pier installer.

Professional Service:

Member of the committee to write the New Mexico Earthen Building Code (NMAC 14.7.4), 2006.
Conference Chair and principal organizer for US/ICOMOS 5th International Symposium, "Heritage Preservation as a Tool for Social Change," 2002.
Materials and Technology Consultant, Habitat for Humanity Casas de Escudero, 1997.
Reviewer for Federal Emergency Management Agency (FEMA) for publications on seismic behavior of "alternative" construction materials, including earth, 1996.

Memberships:

President, US/ICOMOS (International Council on Monuments and Sites) Specialized Committee on Earthen Architectural Heritage, 2008 - present.
ICOMOS Specialized Committee on Earthen Architecture, 2006 - present.
Fellow, US/ICOMOS, elected 2005.
ASTM Committee C-15 on earthen construction, 2001 - 2004.
New Mexico Construction Industries Division Earthen Code Committee, 2001 - 2002.
Trustee, US/ICOMOS, 1999 - 2005.
New Mexico Seismic Safety Advisory Board, 1993 - 1997.
US/ICOMOS Specialized Committee on Earthen Architectural Heritage, 1992 - 2008.
Advisory Committee of The Getty Seismic Adobe Project of the Getty Conservation Institute, 1990 - 1997.

Citations and Awards:

- 2010: New Mexico Heritage Preservation Award for Architectural Heritage for the restoration of the Fort Stanton Administration and Museum building.
- 2009: National Trust for Historic Preservation, National Preservation Honor Award for the Gutiérrez-Hubbell House Restoration.
- 2008: National Trust for Historic Preservation/Advisory Council on Historic Preservation Award for Federal Partnerships in Historic Preservation for the V-Site Restoration Project, in conjunction with Los Alamos National Laboratory and the Atomic Heritage Foundation.
- 2008: New Mexico Heritage Preservation Award for Architectural Heritage, *Remarkable Rehabilitation of the Hubbell House*.
- 2007: New Mexico Heritage Preservation Award for Architectural Heritage, *Exemplary Restoration of the V-Site of the Manhattan Project*.
- 2003: Old Santa Fe Association Award for Significant Contributions to the Historic Preservation of the City of Santa Fe.
- 2000: City of Santa Fe Heritage Preservation Award, *Preservation of the Unique Historic Character of Santa Fe*.
- 2000: New Mexico Heritage Preservation Award, *Outstanding Contributions in the Field of Historic Preservation*.
- 1998: AIA Architectural Research Citation for Cultural Form and Process in Building at the Zuni Pueblo. Co-principal researcher with Tony Atkin, Atkin, Olshin, Lawson-Bell and Associates, Architects, Philadelphia, Pennsylvania.
- 1998: New Mexico Historic Preservation Division, Outstanding Preservation Project Award, for the restoration of the Hapadina Building, Zuni Pueblo, New Mexico, with Cornerstones Community Partnerships.
- 1997: Building Innovation in Home Ownership Award, United States Department of Housing and Urban Development for Habitat for Humanity, Casas de Escudero project.
- 1997: National Trust for Historic Preservation, National Preservation Honor Award, for establishing training programs in stone masonry with Zuni Pueblo, NM.
- 1994: National Trust for Historic Preservation, Preservation Honor Award for preservation of historic New Mexico churches, with Cornerstones Community Partnerships.

Selected Projects:

1997 - present: Principal responsible for all projects completed by Crocker Ltd and Crocker & Associates (list available).

1988 - 1997, as Technical Director of Cornerstones Community Partnerships:

- 1997: Restoration/adaptive re-use of the Hapadina Building (1880), Zuni, NM. *New Mexico Heritage Preservation Award, 1998*.
- 1995 - 1997: Documentation and preservation planning for Middle Village, the Pueblo of Zuni, NM.
- 1992 - 1997: Re-opening of historic quarries and coordination of training in traditional stone masonry, Zuni, NM. *National Trust for Historic Preservation Honor Award, 1997*.
- 1991 - 1995: Restoration of San Rafael church, La Cueva, NM.
- 1992 - 1993: Stabilization of Nuestra Senora de Guadalupe mission church, Zuni, NM.
- 1989 - 1990: Restoration of La Capilla de San Antonio, Chacon, NM.
- 1989 - 1991: Restoration of San Jose mission church, Rociada, NM.

Additional experience:

- 2001: Consultant for development of the New Mexico Historic Resource Manual and Survey Forms. State of New Mexico Historic Preservation Division.
- 1992 - 1993: Contractor for the analysis of soil/sand/polymer combinations for use in the preservation of earthen archeological sites. The Getty Conservation Institute, Los Angeles, CA.
- 1988: Archeology in narthex and structural stabilization of bell tower: Santuario de Guadalupe (ca.1787), Santa Fe, NM.

Selected Publications:

- Monthly column, "Understanding Adobe" in *The Santa Fe New Mexican*, Real Estate Guide. 2000 - present.
- "Toward a Comprehensive Taxonomy of Earthen Architecture." Terra 2008.
- "Recent Work in Earthen Architecture." Terra 2008.
- "Quality vs. *Quality*, a response to actions by the Historic Design Review Board, Santa Fe." *The Santa Fe New Mexican*, February 3, 2002.
- "Earth: The Thoroughly Modern Material." *US/ICOMOS Newsletter*, Summer 2001.
- "Earthen Roofs in the American Southwest: Architecture as Cultural Mirror." *Detail Magazine*, Munich, June 2000.
- "Finding the Balance: Recalling Cultural Form and Process at Zuni Pueblo, New Mexico." Preprints for Terra 2000; Plymouth, UK, *English Heritage*, May 2000.
- "Structuring the Discipline: The Conflict Between Theory and Practice in Architectural Conservation," with Eileen Rojas. Plymouth, UK, *English Heritage*, May 2000.
- "The Secretary of the Interior's Standards for the Treatment of Living Vernacular Architecture." *Vernacular Architecture Forum*, No. 80, Summer 1999.
- "Earthen Architecture and Incentive at Acoma Pueblo." *Cultural Resource Management*, Washington, D.C. NPS, 1999.
- Selections in *Earthen Technology*, Santa Fe. Regular technical articles in *Designer/Builder Magazine*, 1995 - 1998.
- "The Purpose and Mechanics of Lime Renders," Proceedings of 7th International Conference on the Study and Conservation of Earthen Architecture. Silves, Portugal, 1993.
- "The New Mexico Community Foundation: Preservation Through Community Action," US/ICOMOS Committee on Earthen Architecture. Washington D.C., 1992.
- "Straw Daubs: How Fiber Cuts Erosion," US/ICOMOS Committee on Earthen Architecture. Washington, D.C., 1992.
- "Modified Sehalian Scaffolding In the New World: A Common Sense Solution," US/ICOMOS Committee on Earthen Architecture. Washington, D.C., 1992.
- "What Price Santa Fe Style?" with Ed Boles. *Preservation New Mexico*, Summer 1992.
- Santuario de Guadalupe Interim Reports: The Iconography. City of Santa Fe, 1991.

Selected Recent Invited Lectures:

- Toward a Comprehensive Taxonomy of Earthen Architecture* (panel). Terra 2008. Bamako, Mali, February 2008.
- Recent Work in Earthen Architecture*. Terra 2008. Bamako, Mali, February 2008.
- Older Adobe ISO Compatible Render: The Saga of Reintroduced Lime Render in the Southwestern United States*, with Margaret Thompson, PhD. Association for Preservation Technology. San Juan, Puerto Rico, 2007.
- Learning to Live with the Bride of Frankenstein: Incompatible Materials in Preservation*, with Margaret Thompson, PhD. Colorado Preservation, Inc. Denver, Colorado, 2006.
- Non-Invasive Underpinning Technologies in Historic Settings*. International Seminar on Structural Analysis of Historical Constructions – Possibilities of Numerical and Experimental Techniques. Padua, Italy, November 2004.
- Structural Underpinning of Earthen Buildings*. Terra 2003. Yazd, Iran, November 2003.
- Earthen Architecture and Seismic Codes: Lessons from the Field*. ICOMOS. Istanbul, Turkey, November 2000.
- The National Parks and "Preservation: Enhancing the Paradox"*. The George Wright Society. Asheville, NC, 1999.
- Imbued with a Message from the Past. . . Some Thoughts on Conservation and Change*, National Council for Preservation Education. Baltimore, 1999.