

William Edgar Walter

Building Restoration Specialist

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bill@masonrytechnologies.com



PROFESSIONAL WORK AND EXPERIENCE

Walter Associates, Inc. (1975-2008)

Owner and Operator

Provided Building Restoration Contracting, Inspection, and Specification Services in the United States and Internationally for industrial, commercial, military and institutional facilities. Specializing in Natural Stone and Terra Cotta Restoration and masonry preservation techniques.

Eagle Scaffold Consultants, Inc. (2004-present)

Owner and Operator

Provide inspection and repair services for permanently installed suspension hoists on high rise buildings. Provide technical services in analyzing suspension scaffold hoist systems utilized for personnel and equipment on high rise buildings. Evaluate structural components of building facades and usage requirements for permanently installed scaffold systems installation on existing and planned buildings. Develop scaffold safety training and implementation codes for high rise building suspension and hoist equipment.

**Masonry Restoration Technologies & Services,
LLC (1989-present)**

Masonry Restoration Engineer

MRTS is an architectural masonry, stone and concrete restoration consulting and testing services company. MRTS provides architectural services for the evaluation and analysis of building facades for the purpose of determining structural integrity of building fabric. The services MRTS provides are complete building analysis of existing conditions; project management; testing of building materials and systems; structural engineering; test sample installations of repair materials and procedures ; mold analysis; photogrammetric and video; forensic architecture; laboratory materials testing; preparation of technical specifications and C.A.D. repair drawings; construction safety consultations, including scaffold safety; establishment of preventive maintenance programs; acoustic engineering; and restoration project management.

The Cornerstone Restoration Group, LLC (2006-present)

Instructor

Provides educational services for the Restoration and Preservation Industry. Designed to instruct Architects, Engineers and Contractors the procedures and materials utilized to render the best possible project. Education involves hands on training and classroom sessions built to either specialize in certain preservation techniques or employ a general restoration program.

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PROFESSIONAL DEVELOPMENT

American Society for Testing and Materials (ASTM), Symposium on
Performance and Durability of the Window-Wall Interface.
International Council of Monuments and Sites (ICOMOS) Conference on
Historic Restoration
Scaffold Industry Association (SIA) Conference on Scaffold Safety
Building Owners & Managers Association (BOMA) and Window Washer
Association (WWA), Conference on High Rise Scaffold Safety
RESTORE Conference on the Restoration of the United States Capital
Department of the Interior and National Park Service
Presidents Advisory Council on Masonry Restoration
Ellis Island Restoration Council and Preservation Committee

HONORS AND AWARDS

1989 Architectural Tucker Award – United States Best Stone Restoration Project
Given for the Indiana State Capitol Building

EDUCATION

Business Administration, Bowling Green State University, Ohio
Sales & Marketing, Bowling Green State University, Ohio
Architectural Engineering, University of Cincinnati, Ohio
Masonry Preservation, Columbia University, New York

PROFESSIONAL AFFILIATIONS AND MEMBERSHIPS

Member of Friends of Terra Cotta
Member of Construction Specifications Institute (CSI)
National Trust for Historic Preservation
American Society for Testing and Materials (ASTM)
Committee E06: Performance of Buildings
Subcommittee E06.55: Exterior Building Wall Systems
Task Group E06.05: Façade Inspection
International Council of Monuments and Sites (ICOMOS)
Association for Preservation Technology (APT)
Member Heritage Canada Group
Member Brick Institute of America
Sealant, Waterproofing & Restoration Institute
Affiliate Member of American Institute of Architects
European Preservation Guild --- Germany Group
Member English Heritage Group

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TECHNICAL EXPERIENCE

Hoists: Design, install, and inspection of Swing Stage, Tubular Steel, and 2-Point Suspension hoists.

Cranes: Design, install, and inspect tri-axel, dual-axel, aerial platform, suspension basket, 20,000 lb. – 80,000 lb. capacity, 50 ft. to 350 ft. cranes.

Equipment Inspection: All hoist and crane operational systems including cable, hydraulic, electric, electronic and mechanical. All structural systems including points of attachment, load bearing capacity, swing stages, cables, and boom tracks.

Skilled Trades: Stone Mason,
Master Stone Carver, (Europe)
Bricklayer,
Terra Cotta Fabricator,
Historic Bricklayer,
Certified Jahn Applicator,
Restoration/Preservation Chemical Products Worker,
Certified Aerial Platform Operator
Tuck-Pointer, Pointing/Cleaning/Caulking(PCC,ChicagoUnion)

CERTIFICATIONS

Scaffold Industry Association (SIA) Certified Scaffold Inspector
Jahn Mortar Installation Instructor
JLG Aerial Manufacturer Certified Operator Aerial Platforms
OSHA Scaffold Competent Person Distinction --- 29 CFR 1926
RESTORE Association, Historic Restoration Instructor
Association for Preservation Technology (APT) Trainer & Instructor
International Council of Monuments and Sites (ICOMOS) Trainer and Instructor
Occupation Safety & Health Association (OSHA) 29 CFR 1920
Competent Person Distinction
Building Owners & Managers Association (BOMA) and Window Washer
Association (WWA), I-14 Building Suspended Scaffold Code
US Heritage Historic Lime Mortar Certified Installer

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Significant HISTORIC RESTORATION PROJECTS COMPLETED

Indiana State Capitol Building

Pontifical College Josephinum Seminary

Ellis Island

St. Vladimir's Ukrainian Orthodox Cathedral

The Federal Reserve Bank

The Enquirer Building

Hancock Building

The Wrigley Building

The Hudson Institute

R.L. Roudebush VA Medical Center

Propyleum Foundation

West Virginia Institute of Technology

U.S. Penitentiary

Providence Hospital

Victoria Theatre

Central Trust Center Tower

Island House Centennial Hotel

Cathedral of the Assumption

Park Avenue Condominium

Peabody Carillon

Conservatory of Music

Indiana State Library

Old Horse Barn --- The Ridges --- Ohio University

LeVeque Tower