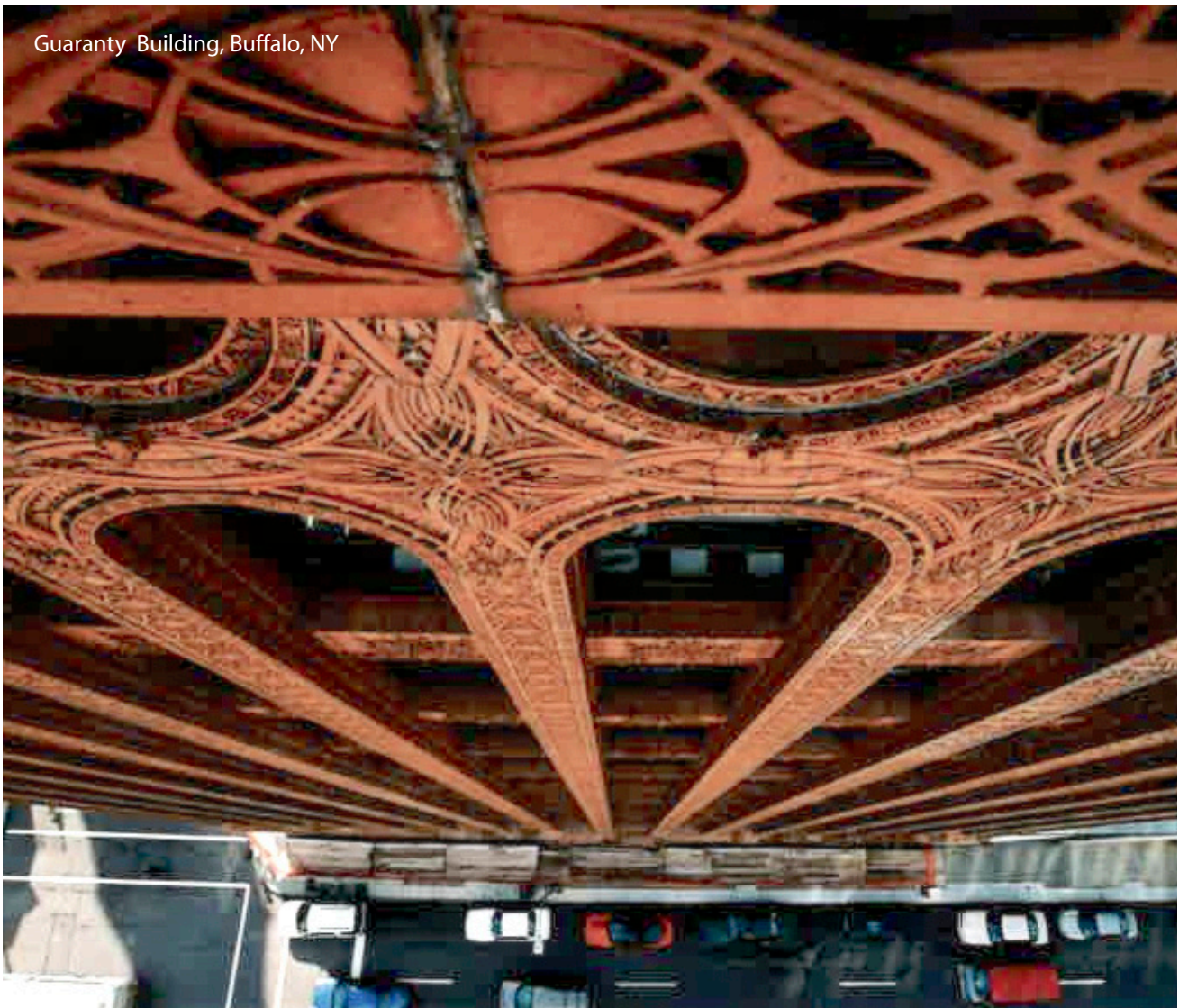


Capabilities Statement

National Historic Landmarks

www.vertical-access.com

Guaranty Building, Buffalo, NY



We Go to Extremes

Helping Architects & Engineers Deliver Superior Documents



BUSINESS + CONTACT INFO

NAICS CODES

238190	Other Structure, and Building Exterior Contractors
541310	Architectural Services
541330	Engineering Services
541350	Building Inspection Services
541690	Other Technical Consulting Services

PSC CODES

C213	A/E Inspect - Non Construct
H399	Inspect Svcs
H999	Misc Test and Inspect Svcs
R425	Engineering and Technical Services
R499	Other Professional Services
Z1	Maint-Alt-Rep, Buildings

BUSINESS CLASSIFICATION

Small Business - incorporated in 1998 in New York

TIN / EIN 16-1569768

DUNS 077311459

CAGE code 332D9

KEY CONTACT

Kent Diebolt, Founding Partner
607-257-4049 office | 607-227-3366 mobile
kent@vertical-access.com

MAIN MAILING ADDRESS

PO Box 4135, Ithaca, NY 14852

PHYSICAL OFFICE LOCATIONS

369 Asbury Road, Freeville, NY 13068
32 Old Slip, 10th Floor, New York, NY 10005
1053 31st St NW, 2nd Floor, Washington, DC 20006
196 Whitfield St, Guilford, CT 06437
234 E. 100 S., C2, Salt Lake City, UT 84111

SPECIALIZED SERVICES

PROFESSIONAL SERVICES

- Existing conditions documentation
- Industrial rope access - SPRAT certified
- Difficult access consulting
- Monitoring instrumentation installation
- Live-feed video

NONDESTRUCTIVE TESTING SERVICES

- Infrared thermography
- Ultrasonics
- Borescope investigations
- Rebar location
- In situ materials sampling and characterization

REFERENCES

Charles Tonetti

Chief, Historical Architect

Lowell National Historical Park - National Park Service
67 Kirk Street
Lowell, MA 01852
978-275-1721
charles_tonetti@nps.gov

Kevin Hildebrand

Head of Architecture Branch
Architecture of the Capitol
Ford House Office Building
Room H2-543
Second and "D" Streets, SE
Washington, DC 20515
202-226-2529
khildebr@aoc.gov



VERTICAL ACCESS LLC - FIRM OVERVIEW

Vertical Access LLC is a qualified small business that performs specialized inspection services on buildings, monuments, sculptures and civil structures. We are contracted by architects and engineers nationwide for our expertise in construction technologies, materials science, structural engineering, historic preservation, architectural conservation, and fall protection systems evaluation.

- Buildings: academic, commercial, healthcare, industrial, institutional, religious, residential
- Civil Structures: bridges, dams, infrastructure
- Towers, smokestacks, monuments and sculptures

We use direct-to-digital software, TPAS® (Tablet PC Annotation System) for inspections. This system was developed specifically for the building industry and allows our technicians to input graphical and numerical conditions data and photos directly into AutoCAD drawings.



CORE COMPETENCIES

■ Industrial rope access systems used for:

- Existing conditions surveys
- Facade ordinance inspections
- Due diligence and prepurchase real estate inspections
- Access consulting

■ Certified

All rope technicians third-party certified by SPRAT, the Society of Professional Rope Technicians

■ Nondestructive testing and monitoring services

- Infrared thermography
- Ultrasonics
- Optical device investigations
- Wall tie and rebar location
- In situ materials sampling and characterization
- Monitoring instrumentation installation

■ Government agency regulations and protocols

- Experienced with working on federal and state agency projects
- Staff holds current security clearance with Department of Homeland Security

■ Site specific safety plans

- Hazard analysis
- Fall protection systems
- Emergency rescue plans for VA personnel

■ Direct-to-digital documentation

- Vertical Access has developed a system of collecting survey data while working at-height called TPAS® (Tablet PC Annotation System) <http://www.tpasllc.com>
- AutoCAD drawings are annotated with conditions data in the field using tablet computers

■ Deliverables

- Assessment report with images and narratives
- Annotated AutoCAD drawings (print and digital)
- Spreadsheets of extracted data with quantities
- Photographs of condition anomalies keyed to drawings
- Video documentation (high definition video from hand-held or helmet mounted camera)
- Cost estimates and recommendations
- Project website to view and share annotated drawings, photographs and quantities



RELEVANT PROFESSIONAL AFFILIATIONS

Society of Professional
Rope Access Technicians
SPRAT

Structural Engineers
Association of New York

International Concrete
Restoration Institute

ANSI - Z359 Fall
Protection
Committee Members

American Society of
Civil Engineers

American Society of
Safety Engineers

National Council of
Structural Engineers
Associations

Association of State Dam
Safety Officers

Construction History
Society of America

The Masonry Society

New York Landmarks
Conservancy

Society for Industrial
Archeology

PROJECT PROFILES

Independence Hall Tower Philadelphia, PA

Client and Collaborators: Bargmann Hendrie
+ Archetype; Keast & Hood Co.; 1:1:6
Technologies, Inc.; Bruce E. Brooks & Associates

Scope of Work

- Investigated and documented existing condition of exterior masonry, wood and metals at tower base and steeple.
- Provided live-feed video to project team during inspection of exterior envelope.
- Procured mortar, paint and sealant samples for analysis by others.



Bok Tower Lake Wales, FL

Client and Collaborators: Silman; Lord Aeck
Sargent

Scope of Work

- Performed a conditions survey of the tiled panels, cast iron frames, stone cladding and other exterior materials.
- Provided graphical and video documentation of existing conditions, including video hyperlinked to AutoCAD drawings and high-definition overall video.
- Assisted with developing repair strategies for treatment of the tiled panels and cast iron frames.



Empire State Building New York, NY

Client: Jones Lang LaSalle

Scope of Work

- Performed water testing in accordance with ASTM Standard E1105 at floors 83 through 85 to determine the source of water infiltration and to evaluate the performance of recently-installed pilot louvers.
- Used infrared thermography to evaluate the extent and pattern of moisture within the wall materials.



PROJECT PROFILES

Guaranty Building Buffalo, NY

Client: Flynn Battaglia, Architects

Scope of Work

- Used a digital video camera in conjunction with a remote pan/zoom head on an adjustable boom mounted to a custom-designed trolley to inspect the cornice fascia.
- A video monitor allowed the client to view the conditions of the cornice fascia as the work progressed.



The New York EDITION Hotel New York, NY

Client and Collaborators: StructureTone; Vidaris/
Israel Berger

Scope of Work

- Gained hands-on access to all four façades between the 35th and 48th floors and sheet metal cupola above, as well as to the west façade clock surround between the 25th and 28th floors, with minimal impact on building users.
- Documented cracks, spalls, and failed repairs in marble and limestone cladding.



John G. Shedd Aquarium Chicago, IL

Client: Klein & Hoffman

Scope of Work

- Provided close visual examination and hammer-sounding of masonry at exterior façades.
- Documented fault conditions to assist project team with development of repair specifications.
- Provided training and guiding for project client to perform hands-on inspection of representative areas of façades.



PROJECT PROFILES

US Capitol Dome Washington, DC

Client: Office of the Architect of the Capitol

Scope of Work

- Performed hands-on inspection of all projecting ornament at the exterior of the dome from the top of the lantern to the peristyle column capitals.
- Documentated existing conditions of cast iron plates.



Philadelphia City Hall Philadelphia, PA

Client and Collaborators: City of Philadelphia
Office of Arts and Culture; Keast and Hood

Scope of Work

- Inspected and documented eight principal bronze sculptures, providing hand-sketched drawings and photographs.
- Obtained samples of sculpture material and used See Snake and live-feed video to inspect interior of sculptures
- Inspected steel and cast iron cladding on the tower in order to identify sources and causes of ongoing water infiltration.



St. Patrick's Cathedral New York, NY

Client and Collaborators: Archdiocese of New York; Building Conservation Associates, Deerpath Construction; Silman; Murphy Burnham and Buttrick Architects; StructureTone

Scope of Work

- Surveyed existing condition of exterior masonry at the two spires and gable end on the principal (west) façade.
- Examined and documented wood trusses, rafters and catwalks in attic of west end, determined member sizes and connection details of both truss types, and characterized bearing conditions of roof purlins.

