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Capabilities Statement
Federal Government

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U. S. Capital Dome

We Go to Extremes

Helping Architects & Engineers Deliver Superior Documents

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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
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MAIN MAILING ADDRESS

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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

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
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Gary Walz
Project Manager
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30 East Kinney Street
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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 conditiona 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

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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

Conrad B. Duberstein U.S. Bankruptcy Courthouse Brooklyn, NY

Client and Collaborators: U.S. General Services Administration; Goody Clancy; Preservation Design; Silman; Jablonski Building Conservation

Scope of Work

- Acted as exterior envelope consultant for the duration of the project.
- Completed three separate investigations of the façade, documenting and quantifying conditions and, eventually, planned repairs.
- Inspected and documented façade probes.
- Completed two public safety inspections during the course of the design process.

James M. Hanley Federal Building Albany, NY

Client and Collaborators: U.S. General Services Administration; Bell & Spina; N. K. Bhandari Architecture & Engineering

Scope of Work

- Coordinated load testing of all existing fall protection wall anchors to provide certification of testing to the building owner.
- Used combination of industrial rope access and aerial platforms for most efficient means of gaining hands-on coverage.
- Performed close visual examination and hammer-sounding of concrete at exterior façades.

Milwaukee Federal Building Milwaukee, WI

Client and Collaborators: U.S. General Services Administration; Quinn Evans Architects

Scope of Work

- Performed close visual examination and hammer-sounding of granite masonry at exterior of tower.
- Documented fault conditions to assist project team with development of repair specifications.

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PROJECT PROFILES

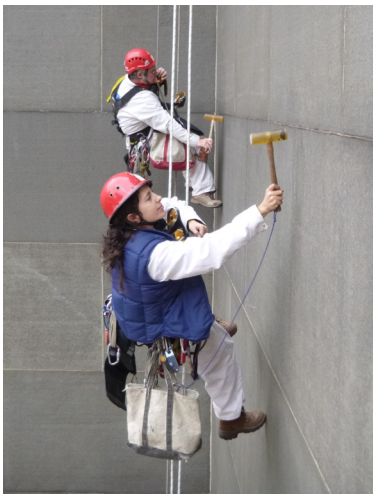
Port Huron Federal Building
Port Huron, MI

Client and Collaborators: U.S. General Services Administration; Lord Aeck Sargent

Scope of Work

- Performed a hands-on survey of the exterior materials and documented existing conditions of all sides of the cupola above the sheet copper roof of the lower portion of the building.
- Documented representative and notable conditions with digital photographs hyperlinked to annotated conditions drawings.

Robert C. Weaver (HUD) Federal Building, Washington, DC



Client and Collaborators: U.S. General Services Administration; McMullan & Associates, Inc.

Scope of Work

- Performed close visual examination and hammer-sounding of granite cladding at exterior of one end wall.
- Documentated and quantified fault conditions using TPAS®.
- Performed fiber optic and non-destructive evaluation of subsurface conditions.

Peter W. Rodino Federal Building
Newark, NY

Client and Collaborators: U.S. General Services Administration; Silman; Dattner Architects

Scope of Work

- Inspected and mapped all cracks on the building.
- Determined whether cracks are stable or dynamic by comparing data from previous surveys.
- Documented and quantified cracks using TPAS®.

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PROJECT PROFILES

Thurgood Marshall US Courthouse
New York, NY

Client and Collaborators: U. S. General Services Administration; Beyer Blinder Belle; Silman

Scope of Work

- Inspected and documented the condition of the terra cotta roof and lantern, granite tower, and surrounding brick elevations of the plinth.
- This was our first project completed with TPAS®.

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.

United States Custom House
Philadelphia, PA

Client and Collaborators: U. S. General Services Administration; RMJM Hillier; Mills + Schnoering Architects

Scope of Work

- Investigated and documented condition of exterior masonry and windows at the 13th floor and above.
- Investigated masonry conditions from the 6th to 11th floors at two brick corners of the building wings.
- Updated and compared survey information from a previous investigation completed by VA in 2004.
- Assessed existing access for window repairs.