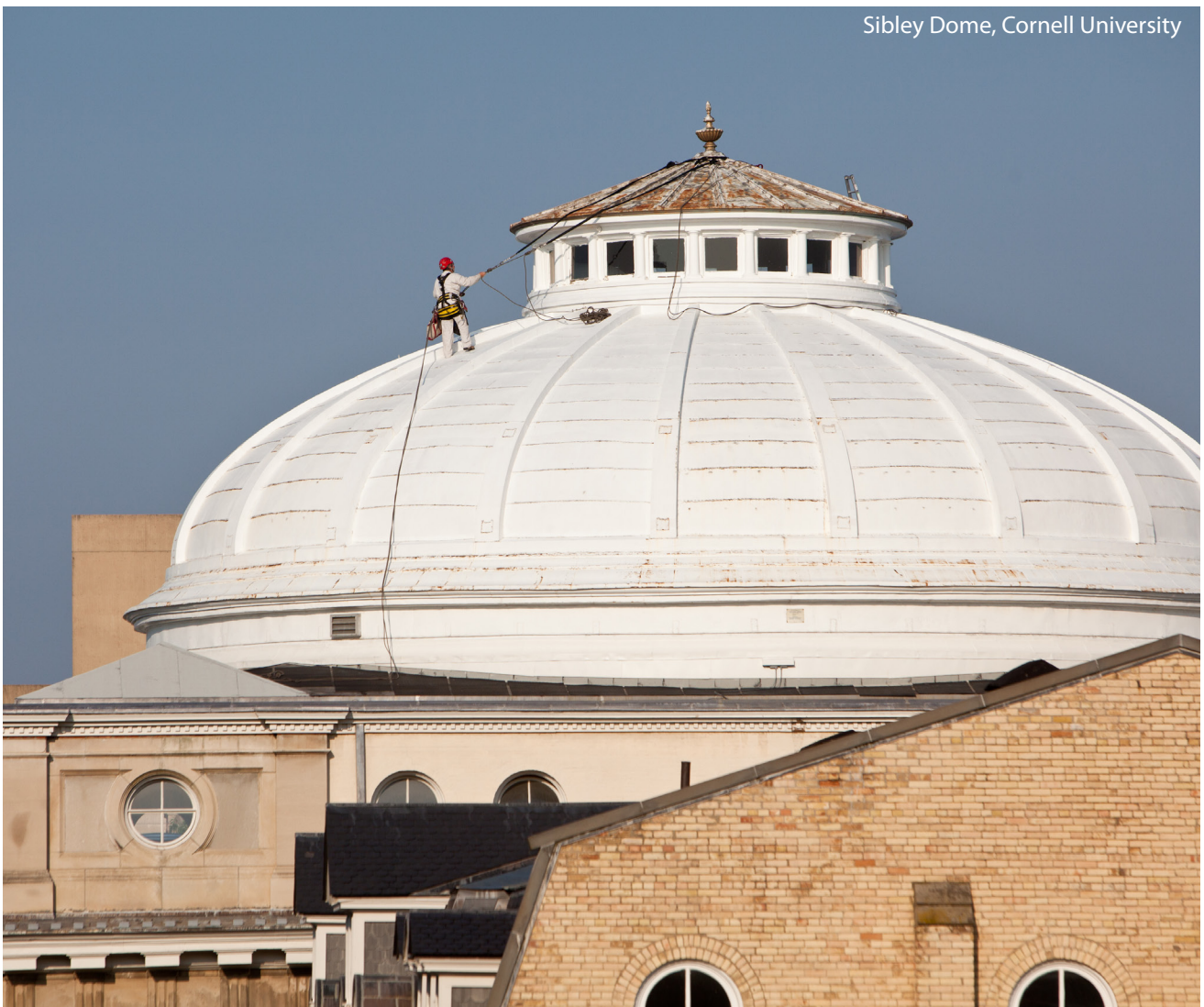


Capabilities Statement

Academic

www.vertical-access.com

Sibley Dome, Cornell University



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

Cara Mia Diegoli

Senior Project Manager
Campus Planning, Design and Construction
Syracuse University
640 Skytop Road
Syracuse, NY 13244
315-443-3183
cdiegoli@syr.edu

Robert Weller, P.E.

Project Manager, Facilities Planning & Design
University at Buffalo
119 John Beane Center
Buffalo, NY 14260-7300
716-645-5887
rjweller@buffalo.edu



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 conditional 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

Buffalo State College, Seven Buildings Buffalo, NY

Client: DiDonato Associates

Scope of Work

- Performed comprehensive survey of the masonry and windows of seven buildings on the Buffalo State College campus.
- Utilized nondestructive testing techniques and tools, including infrared thermography, a walltie locator, an ultrasonic thickness gauge and a borescope.

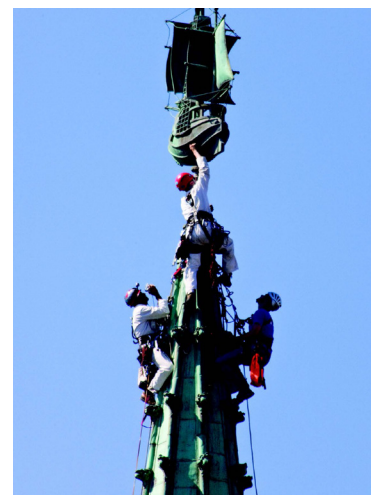


SUNY Administration Headquarters Albany, NY

Client: Simpson Gumpertz & Heger

Scope of Work

- Guided client engineer to top of spire to allow hands-on access.
- Provided video documentation of conditions at the weather vane and exterior of the spire.
- Provided measurements of various elements on the exterior and interior of spire.
- Designed and installed copper cowls to waterproof new access holes at the copper-clad spire.



Cornell University, Multiple Buildings Ithaca, NY

Client: Multiple clients

Scope of Work

- Performed hands-on investigation and documentation of existing conditions at the tower of Myron Taylor Hall and dome of Sibley Hall.
- Collected plaster ceiling samples at Bailey Hall to assist in treatment evaluation
- Assisted with the hands-on investigation and water infiltration testing of the Veterinary Research Tower



PROJECT PROFILES

Boston College, Five Buildings Chestnut Hill, MA

Client: McGinley Kalsow & Associates

Scope of Work

- Investigated and documented existing conditions at five historic buildings.
- Conditions of the cast stone, limestone, puddingstone and granite masonry of these buildings were mapped out unit-by-unit using a direct digital documentation system, TPAS® Tablet PC Annotation System (Vertical Acces developed add-on for AutoCAD).
- Performed temporary stabilization measures of potentially unsafe conditions.

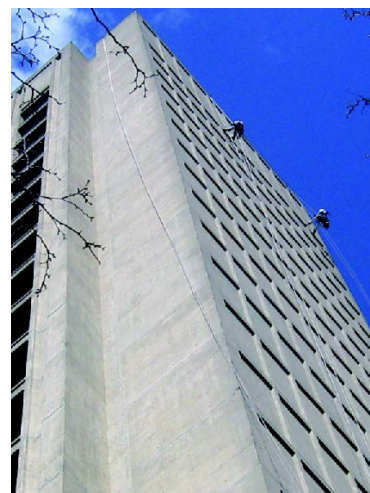


Massachusetts Institute of Technology Building 54 and Four Residence Halls Cambridge, MA

Client: MIT

Scope of Work

- Performed close visual examination and hammer-sounding of concrete at exterior facades.
- Documented fault conditions and prepared treatment recommendations with schematic cost estimate



University at Buffalo North Campus, Alumni Arena, Center for the Arts Amherst, NY

Client: DiDonato Associates

Scope of Work

- Performed comprehensive hands-on investigation of the exterior brick masonry using both aerial platforms and industrial rope access.
- Performed a borescope investigation to help the project team understand as-built conditions.



PROJECT PROFILES

US Military Academy, Thayer Hall, Cadet Chapel, Holy Trinity Chapel West Point, NY

Client: John P. Stopen Engineering Partnership

Scope of Work

- Surveyed existing condition of the exterior masonry at all areas of Thayer Hall including vehicle and pedestrian bridges on the west side of the building.
- Performed investigation of setback roof drains and pipes using a fiber-optic diagnostic tool (SeeSnake®).



Columbia University, Low Library New York, NY

Client: Silman

Scope of Work

- Hammer sounded plaster interior of dome.
- Identified active and recent crack systems.
- Installed electronic crack monitoring equipment in inaccessible areas between the inner and outer domes and beneath the inner dome.
- Assisted with a "total station" survey of the areas between the two domes.



Syracuse University, Lawrinson Hall, DellPlain Hall, Booth Hall, Haven Hall Syracuse, NY

Client: John P. Stopen Engineering Partnership

Scope of Work

- Performed hands-on inspection and documentation of existing conditions at four residence halls.
- Took level and plumb measurements at the cladding materials to assist in the investigation of the structures.

