

Capabilities Statement

Religious

www.vertical-access.com



St. Vincent de Paul, Los Angeles

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
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kent@vertical-access.com

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

John MacKay

Capital Projects Manager
Cathedral Church of St. John the Divine
1047 Amsterdam Avenue
New York, NY 10025
(212) 316-7491
jmackay@stjohndivine.org

Angel Estrada

Facilities Manager
St. Thomas Church
One West 53rd Street
New York, NY 10019
aestrada@saintthomaschurch.org



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

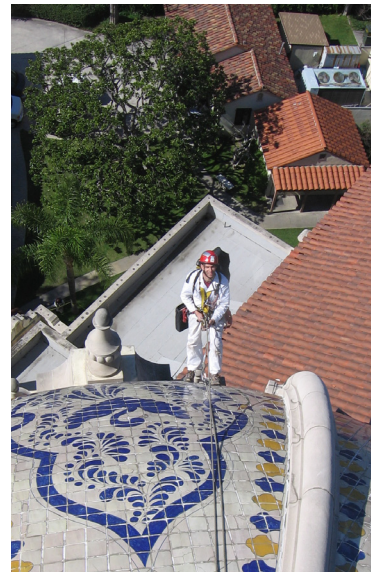
PROJECT PROFILES

St. Vincent de Paul Church Dome Los Angeles, CA

Client: Historic Resources Group

Scope of Work

- Surveyed and documented existing conditions at exterior of dome.
- Provided live-feed video to project team during inspection of representative exterior areas.
- Collected material samples for analysis and testing by project conservator.

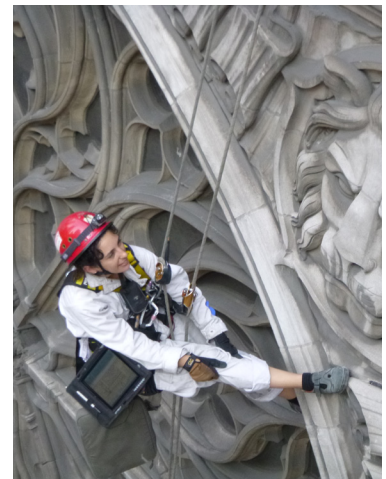


Saint Thomas Church New York, NY

Client: Beyer Blinder Belle; Silman

Scope of Work

- Conducted a close visual inspection of the limestone facade, employing live video feed for interaction with architectural conservators and structural engineers.
- Conducted a close visual inspection of carved stone reredos, stone groins and associated Guastavino tile vaulted ceilings.
- Prepared a condition report including text, annotated elevations, video, still photos.

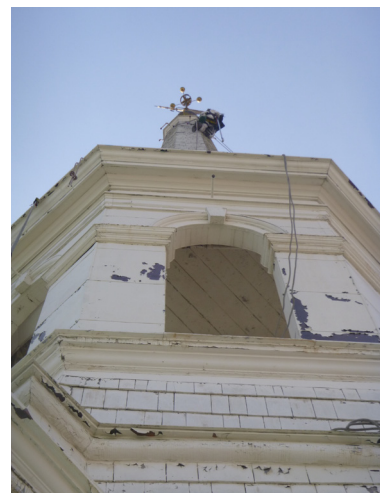


Christ Church Steeple Philadelphia, PA

Client: John Milner Architects; Keast and Hood Company; Monteith Architecture

Scope of Work

- Performed a hands-on survey of the exterior materials on all sides of the steeple.
- Probed exterior materials with hand tools including awls and hammer-sounding.
- Documented representative and notable conditions observed on the exterior by means of still photographs hyperlinked to annotated AutoCAD drawings.



St. Patrick's Cathedral

New York, NY

Clients: 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.
- Collected numerical data on existing conditions to assist in the development of construction estimates, budget and work phasing plans and construction documents.
- Procured samples of possible original and replacement mortar from select locations.
- 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.



St. Francis de Sales Church

Philadelphia, PA

Client: Historic Building Architects

Scope of Work

- Surveyed and documented existing conditions at interior and exterior of church.
- Sounded Guastavino tile and masonry materials at interior and exterior to identify loose and hollow areas.
- Performed investigation of all subsurface drains and pipes using a fiber-optic diagnostic tool (SeeSnake®).
- Provided live-feed video to project team during inspection of representative exterior areas.



PROJECT PROFILES

Grace Church Utica, NY

Client: EYP Architecture & Engineering P.C

Scope of Work

- Surveyed and documented existing conditions of exterior masonry and window openings at all areas of tower and spire.
- Conducted interior investigation of spire to correlate interior conditions with exterior conditions and to determine possible areas of water infiltration.
- Performed inspection of standing-seam lead-coated copper roof on the nave and visually examined all adjacent sheet metal flashings for proper detailing and sealant condition.

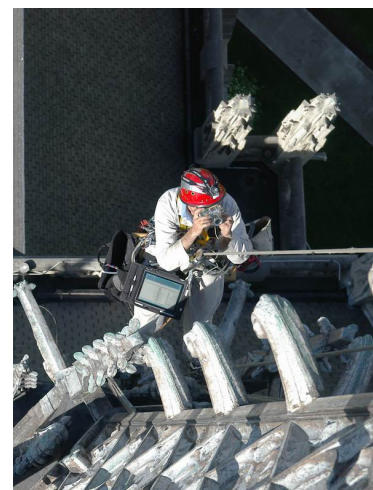


Heinz Memorial Chapel Fleche Pittsburgh, PA

Client: Landmarks Design Associates Architects

Scope of Work

- Investigated and documented the existing condition of the exterior lead-coated copper cladding and interior structural steel frame of the fleche.
- Provided live-feed video to project team during inspection of the fleche.
- Designed and installed copper cowls at new access holes at the copper-clad spire.



Dutch Reformed Church Newburgh, NY

Client: Ryan Biggs | Clark Davis

Scope of Work

- Documented checks, levels and other representative and notable conditions at the roof trusses with digital photographs hyperlinked to annotated condition drawings with quantities provided for each condition, (TPAS®).
- Took direct measurements of truss members to characterize the trusses and develop sketches of existing connection details.
- Helped to determine the cause of movement observed at the roof framing.

