

# Robson Forensic

Engineers, Architects, Scientists & Fire Investigators

DAVID C. COWEN, A.I.A.  
Architect

## AREAS OF EXPERTISE

**Premises Liability:** Analysis of Slips, Trips and Falls; Walkway Construction and Safety; Slip Resistance; Effectiveness of warnings; Illumination; Delineation of hazards

Parking lots; Stairs, Ramps, Corridors; Platforms and level changes; Snow and ice; Retail displays; Food services; Furniture; Electrical devices; Moving Equipment; Walk-off mats; Recreational devices and equipment; Pools and athletic surfaces; automatic doors

Building Codes and standards; Lighting; Glass and glazing; Handicapped accessibility; Children and elderly; Security

**Design and Planning:** Land development; Facility planning; Zoning; Building codes & standards; Accessibility.

**Building Failures:** Cracking/Settling/Collapse; Water intrusion; Fire/Smoke damage; Fungal growth; Insect damage; Roof/Wall failures; Fires, Acoustics

**Operations and Maintenance:** Wet floors; Warnings; Sweep logs; Floor finishes and application, Landscaping; Building repairs; Preventative Maintenance; Snow & Ice Control; Inspections, Standards

**Building Systems:** Plumbing/Supply/Waste; Sprinklers; Alarms; Lighting; MEP equipment & controls; Interior air quality; Wood/coal stoves; Chimneys & flues.

**Architectural Practice:** Standard of Care, Contracts, Records, Planning, Inspections, Construction supervision and observation, Punch lists, Approvals

**Construction Safety:** Safety practices, procedures and record keeping, incidents on building construction sites including falls from roofs, steel framing, unprotected openings, and injuries from unsafe working conditions.

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## DAVID C. COWEN, A.I.A. Architect

### PROFESSIONAL EXPERIENCE

- 2003 to present **Robson Forensic, Inc.**  
*Associate*  
Provide technical investigations, analysis, reports, and testimony towards the resolution of commercial and personal injury litigation involving planning and design and construction of buildings and failure analysis.
- 2000 to 2002 **Office of M. Rosenfeld**, Acton, Massachusetts (architects and planners)  
*Senior Construction Administrator*  
Senior construction phase architect for firm specializing in educational, institutional and high end residential projects. Expertise in inspection of contractor work throughout construction to assure conformance with contract and quality of construction, management of all contract changes to the Work, knowledge of construction procedures and safety of workers and occupants during the construction.
- 1997 to 2000 **David Perry Architects**, Cambridge, Massachusetts (architects and planners)  
*Senior Associate*  
Serviced a wide variety of project types including: college and university buildings, religious facilities, and affordable housing. Expertise in oversight and management of construction contract documents and construction phase activities.
- 1995 to 1997 **Northeastern University**, Boston, Massachusetts  
*Architect, Dept. of Physical Plant*  
On-site architect for new student recreation center building with retail services. Investigation, evaluation, and analysis of existing campus buildings.
- 1993 to 1995 **Dinisco Associates Architects**, Boston, Massachusetts (architects and planners)  
*Project Manager*  
Building and safety code analysis, construction administration.
- 1990 to 1993 **Kubitz Associates Architects**, Wellesley, Massachusetts  
*Project Manager*  
Expertise in commercial airline terminals and aviation facilities.
- 1983 to 1990 **Drummeys Rosane Anderson**, Newton, Massachusetts (architects and interior designers)  
*Associate, Project Manager*  
Expertise in commercial office parks and tenant fit-ups, secondary schools, and laboratory and science facilities.

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## DAVID C. COWEN, A.I.A. Architect

1982 to **Kubitz Associates Architects**, Wellesley, Massachusetts

1983 *Site Inspector*

Architects for aviation and mass transit facilities and institutional buildings. Daily inspections and documentation of reconstruction of condemned five year old athletic facility.

1978 to Architectural Practices in Cincinnati, Ohio and Boston, Massachusetts

1983 *Architectural Intern/Designer/Draftsman*

Wide variety of project types including institutional and retail facilities.

## PROFESSIONAL CREDENTIALS

Registered Architect: Commonwealth of Massachusetts

Certified XL Tribometrist (CXLT)

## EDUCATION

Bachelor of Arts, Gannett Scholar, Carleton College, Northfield, Minnesota, 1975

Professional degree work/study program 1977-81, Dept. of Architecture, College of Design Art & Architecture, University of Cincinnati

### *Training Courses:*

Continuing education classes (i.e., construction safety, cavity wall construction, construction specifications) and over thirty seminars on topics including professional liability and insurances, construction contracts, and a wide variety of building products, such as window systems, skylights, door hardware, floor finishes, paint systems, and masonry.

OSHA #500 Construction Industry Outreach Trainer, 2003

## PROFESSIONAL MEMBERSHIPS

American Institute of Architects

Boston Society of Architects

American Society for Testing and Materials

ASTM Committee F-13 Pedestrian/Walkway Safety and Footwear