

Robson Forensic

Engineers, Architects, Scientists & Fire Investigators

LAWRENCE C. DINOFF, A.I.A., NCARB
Architect

FACILITY FAILURES & PROPERTY DAMAGE EXPERIENCE

1989 to **Robson Forensic, Inc.**
present *Associate*

Provide technical investigations, analysis, reports, and testimony for failure analysis, and towards the resolution of commercial and personal injury litigation.

Investigations at a wide variety of facility types of:

Design & Planning: Land development; Facility planning; Zoning; Building codes & standards; Stormwater controls; Parking lots; Loading docks; Accessibility.

Building Failures: Cracking/Settling/Collapse; Water intrusion; Fire/Smoke damage; Fungal growth; Insect damage; Roof/Wall failures; Heating System/Flue; Electrocutions, Fires, Noise control; Vibration damage.

Operations & Maintenance: Operating and Safety Programs; Inspections; Maintenance; Warnings and Signage; Floor Finishes & Traction; Spilled Materials; Snow & Ice Control; Fixtures & Furniture; Hazardous Material Abatement; Weed Control; Insect Control/Damage; Automated Control Systems.

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

Building Safety: Codes and standards; Lighting levels/uniformity; Glass and glazing; Floor & wall surfaces & openings; Scaldings; Retail displays; Food services.

Security: Site and facility planning; Lighting; Mechanical controls; Hardware and devices; Signage.

Furniture and Equipment: Chairs; Tables; Electrical receptacles; Moving equipment; Playground equipment; Swimming pools; Dance floors; Material handling.

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PREMISES LIABILITY EXPERIENCE

1989 to **Robson Forensic, Inc.**
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Provide technical investigations, analysis, reports, and testimony for failure analysis, and towards the resolution of commercial and personal injury litigation.

Investigations at a wide variety of facility types of:

Slip Accidents: Characterization/measurement of anti-slip characteristics of wet and dry floor surfaces; Floor finishes and materials; Walkways; Parking lots; Stairs, Ramps, Pool surrounds, Footwear.

Trip, Stump and Stumble Accidents: Vertical misalignments, Stairs; Platforms and single risers, Gratings.

Kinesiology and Biomechanics: Body movements and imparted forces during walking, tripping, slipping and diving.

Special User Requirements: Elderly; Handicapped; Childproofing.

Building Safety: Codes and standards; Lighting levels/uniformity; Loading docks; Glass and glazing; Floor & wall surfaces & openings; Scaldings; Retail displays.

Security: Site and facility planning; lighting; mechanical controls; door hardware selection and maintenance.

Housekeeping and Maintenance: Wet floors; Warnings; Sweep logs; Floor finishes and application, Walk-off mats; Weed control; Repairs.

Conspicuousness of hazards: Effectiveness of warnings; Color; Placement; Illumination; Signage.

Furniture and Equipment: Chairs; tables; electrical receptacles; Moving Equipment; Playground equipment; Swimming Pools; Dance Floors.

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- 1985 to 1993 **Lawrence Dinoff Associates, Inc.**, architectural designers and consultants.
President
Expertise in all phases of a wide variety of facility types including: restaurants; retail space; office buildings; industrial and research facilities; commercial properties of all types; single and multi-family residential; historic restoration; planned communities.
- Wide range of post-construction services including energy auditing, analysis of structural, roofing, window, wall, and system failures, and forensic consulting.
- 1980 to 1985 **Haines Lundberg Waehler, Architects, Engineers, and Consultants, NYC**
Associate involved in all phases of numerous projects involving design, planning, and post-construction consulting services.
- 1978 to 1979 **Pratt Institute Center for Community and Environmental Development** in Brooklyn, New York. Architectural and planning services.

EDUCATION

B.Architecture, Pratt Institute, 1979

B.S. Mechanical Engineering, Rensselaer Polytechnic Institute, 1970

“AAADM Certified Inspection Program,” 2004

Certified AADM Inspector, American Assn. of Automatic Door Manufacturers

“Fundamentals of the 2003 IBC,” 2004

“Biomechanics of Slips and Falls,” 2003

“Symposium on Metrology of Pedestrian Locomotion and Slip Resistance,” 2001

“English XL Variable Incidence Certification,” 2001

“Managing Snow & Ice Control Operations,” University of Wisconsin, 1999

“The Role of Warnings and Instructions,” University of Wisconsin, 1999

“Security Glazing, Impact Resistant Windows and Systems,” BETEC, NIBS, 1998

“National Playground Safety Institute,” Playground Safety Inspector Course, 1997, 2000, 2001, 2005

“Human Factors and Ergonomics Society, Annual Meeting,” 1996

“International Symposium on Slip Resistance: Interaction of Man, Footwear, and Walking Surface,” ASTM, NIST, 1995

“Fire Arson Detection,” Pittsburgh Department of Public Safety, 1995

“Crime Prevention through Environmental Design,” American Institute of Architects, 1993

“Parking Lot Design,” University of Wisconsin, 1993

“Educational Workshop on Building Safety,” Georgia Institute of Technology, 1992

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PROFESSIONAL CREDENTIALS

Registered Architect:

Pennsylvania, New Jersey, Massachusetts, Illinois (inactive), Maryland, New York (inactive), North Carolina, Delaware

Certified by the National Council of Architectural Registration Boards

Certified Playground Safety Inspector/National Recreation and Park Association

MEMBERSHIPS and AFFILIATIONS

American Institute of Architects

A.I.A. Liaison Member to American National Standards Institute (ANSI), 2000

Pennsylvania Society of Architects

National Institute of Building Sciences BETEC RCCs:

Air Infiltration; Moisture in Buildings

American Society for Testing and Materials Committees:

E-6 on Performance of Building Constructions

F-12 on Security Systems and Equipment

F-13 on Pedestrian/Walkway Safety and Footwear

F-15 on Consumer Products

C-21 on Ceramic Tile

Human Factors and Ergonomics Society Technical Groups:

Environmental Design; Safety; and, Visual Performance

National Fire Protection Association (NFPA) International

American Society of Safety Engineers (ASSE)

National Safety Council – Robson Forensic corporate membership

Past Member, Lancaster County Land Use Advisory Committee; Design Task Force;
and Housing Task Force

Past Chairman, Strasburg Borough Planning Commission