

# CURRICULUM VITAE

## BRETT G. BROGAN

**DNG Group, Inc. Companies**  
**Technical Roof Services, Inc.**  
**Pacific Building Consultants, Inc.**

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### **EDUCATION**

1983-1984 Graduate Work, Urban Planning  
University of California Los Angeles  
1979-1983 Bachelor of Arts, Geography  
San Francisco State University

### **CERTIFICATIONS**

Construction Document Technologist (CDT) - Construction Specifications Institute (#9410660)  
Thermographer - Infrasppection Institute (#1301)  
Nuclear Gauge Operation - Troxler Industries (#3783)

### **AFFILIATIONS & CONTINUING PROFESSIONAL EDUCATION**

National Roofing Contractors' Association (NRCA)  
Roof Consultants' Institute (RCI)  
Roofing Industry Educational Institute (RIEI)  
Construction Specifications Institute (CSI)  
Sheet Metal and Air Conditioning Contractor's National Association (SMACNA)  
Tri-State Legal Photographers Association

### **EXPERIENCE**

#### **Technical Roof Services, Inc., Concord and Auburn, CA**

**1989 - Present**                      **Roof Consultant**

- Project consultant on commercial, industrial, and homeowner association roof projects.
- Specification writing of materials and construction practices.
- Architectural CAD drafting of roof plans and construction (senior CAD operator).
- Site investigations and reports on the conditions of roofing and waterproofing construction for litigation, insurance and remedial considerations.
- Moisture surveys based on infrared scanning and nuclear gauge.
- Project Management.
- Established Sacramento Regional Office.
- Developed CAD library system.
- Developed Construction Inspection Report format.
- Created database of scanned articles and roof industry information.

#### **Applied Roofing Technology, Watsonville, CA**

**1984- 1989**                              **Technical Representative**

- On-site roof construction monitoring.
- Conducted infrared scan and nuclear gauge moisture survey.
- Project assistance on condition and leakage surveys.

#### **Coastside Photography, Half Moon Bay, CA**

**1986 - 1992**                              **Principal / Photographer**

- Commercial photography studio with photographic assignments in legal and forensic work.

## **SPECIAL PROJECTS**

### County of Santa Cruz, CA (Main Jail, Medium Security facilities)

- Field surveys and preparation of reroof specifications including CAD details and drawings.

### California State Prison at Folsom

- Field surveys and preparation of reroof specifications including CAD details and drawings.

### Nissan Distribution Center, Sacramento, CA

- Field survey and preparation of condition report with recommendations for reroofing; preparation of reroof specifications including CAD details and drawings; consulting assistance for roof project manager; on-site roof construction consulting.

### Kaiser Permanente Health Facilities (Santa Rosa, Hayward, Vallejo, Fremont)

- Field surveys and preparation of reroof specifications including CAD details and drawings.

### University of California, Davis (Institutional)

- Briggs Hall: Field survey and preparation of condition report with recommendations for reroofing; existing roof heavily laden with mechanical and electrical equipment; work performed as part of an architectural team for a rehabilitation study.

### Coherent, Inc., Auburn, CA (Light Industrial)

- Building One: Reroof specification preparation (modified bitumen); consulting assistance for roof project management; on-site roof construction consulting.
- Building Three: Reroof specification review (built-up); consulting assistance for roof project management; on-site roof construction consulting.
- Building Four: Reroof specification review (built-up); consulting assistance for roof project management; on-site roof construction consulting.

### United States Postal Service (Governmental)

- Air Mail Center, SFO: Specification prep with CAD design of details and roof plans.
- Oakland Main Facility: Consulted regarding leaks and reroofing with PVC system. Work on this facility included CAD design of details and roof plans.
- San Francisco Processing and Distribution Center: Prepared gutter replacement project scope of work with field observations of construction.

### Mervyn's Department Stores (Commercial, Nationwide)

- Design and consulting on PVC elastomeric and BUR roof systems over panelized plywood and OSB decks and insulated steel decks.
- Over 200 projects; approximately 25% new construction and 75% reroofs.
- Extensive leakage investigation relating to HVAC's.
- Condition investigations and reports, including damage due to wind events (e.g., hurricane damage in Florida).
- Projects involving damage due to condensation (e.g., deck framing clip and nail corrosion, necessitating deck sheathing replacement and screw refastening).
- Project manager for roof construction monitoring; responsible for issuance of Daily Reports.

### University of California, Berkeley (Institutional)

Work on each building includes condition evaluations, design input and CAD details.

- California Hall: Historic restoration roof tile and sheet metal reroofing.
- Cory Hall: Below deck elastomeric sheet waterproofing; PVC roof over concrete deck.
- Etcheverry Hall: Modified bitumen roof covering; deck waterproofing.
- Evans Hall: Concrete spall repairs and elastomeric coating waterproofing.
- Haviland Hall: Wall, deck, and building gutter rehabilitation.
- Hildebrand Hall: Plaza deck waterproofing.
- Latimer Hall: Modified bitumen roof covering; deck waterproofing.
- Recreational Sports Facility: Cement plaster wall renovation.
- Stanley Hall: Window leakage evaluations and repair design; wall waterproofing.

### **SPECIAL PROJECTS (continued)**

- University Art Museum: Complex roof expansion joint design integrated with elevated skylights; wall waterproofing
- Wurster Hall: Window leakage evaluations and repair design; wall waterproofing.

#### Kimpton Group - Bellevue (Monaco) Hotel, San Francisco, CA (Commercial)

Consultant on ballasted, PVC elastomeric sheet reroof project in downtown environment. Project role included: Specification and submittal review; pre-construction meeting input; roof construction monitoring; final inspection.

#### Cardigan Maintenance, Walnut Creek, CA (Homeowners Association, Residential)

Consultant for artificial wood shake reroof project on 73-unit condominium development. Project role included: Preliminary condition and leakage evaluations; project document development (contract conditions, technical specification and details); roof construction monitoring.

#### Wind Damage Investigations on Hawaiian Island of Kauai 1993-1994 (Commercial, Institutional)

- Project assistant for field reviews of roof and flashing damage following Hurricane Iniki.
- Assessed damage on Priority One facilities (hospitals, schools, government installation, etc.).
- Provided short-term repairs approaches for immediate activation of facilities.
- Provided long-term repair approaches including recommendations for prioritization of work.

#### Insurance Companies (State Farm, Travelers, CNA, Allstate, Farmers, etc.)

Condition reports based on roof observations and leakage investigations on commercial and residential properties to assist in claim disputes.

#### San Francisco State University, Urban Planning Department

Managing Editor, "Urban Action 1983"

Coordinated entire publication: Budgeting, editing of articles, design, and layout.

Contributed an article entitled, "Commute Alternatives".

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