



**ALLANA BUICK & BERS**

Building solutions.  
Engineering for life.

# Life Cycle Costing

February 2012

Presented by:

Karim Allana, PE, RRC, RWC

Allana Buick & Bers, Inc.

# Best Practice

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**Allana Buick & Bers, Inc. 2012**



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# **Karim Allana, P.E., RRC, RWC**

## **CEO / Senior Principal**

**EDUCATION:** B.S., Civil Engineering, Santa Clara University

**REGISTRATION:** P.E., Civil Engineering, California, Nevada and Hawaii

**CERTIFICATION:** Registered Roof Consultant (RRC), Roof Consultants Institute (RCI);  
Registered Waterproofing Consultant (RWC), Roof  
Consultants Institute (RCI)

### **OVERVIEW:**

- Former Turner Construction Employee (Project Engineering and Superintendent).
- Over 25 years experience providing superior technical standards in all aspects of building technology.
- Principal consultant in forensic investigations of building assemblies, failure analysis, evaluation and design of building infrastructure and building envelope evaluation and design.
- Expert in all aspects of building envelope technology.
- Completed numerous new construction, addition, rehabilitation, remodel and modernization projects for public and private sector clients.
- Specialization in siding, roofing, cement plaster, wood, water intrusion damage, window assemblies, storefronts, below grade waterproofing, and complex building envelope and mechanical assemblies.



# Overview of Allana Buick & Bers

- **Architectural Engineering firm specializing in building envelope, roofing and waterproofing**
- **Allana Buick & Bers, Inc. is one of the 5 largest building envelope consultants in the country and 3rd in California**
- **Karim Allana founded the company 25 years ago**
- **Completed Over 2,900 Projects**
- **Forensic background with real world experience repairing failed buildings**



# Allana Buick & Bers - Resources

- **Over 85 Employees:**
  - Registered Architects
  - Licensed Professional Engineers – Civil, Structural, Mechanical and Electrical
  - Registered Roofing and Waterproofing Consultants
  - Certified and Registered Construction Inspectors
  - Building Repair and Restoration Specialists
  - Forensic Experts
  - LEED Accredited Professionals
  - Program Manager, Project Managers and Construction Managers
- **Local California Offices**
  - 8 Offices in California, Nevada, Washington and Hawaii



# Allana Buick & Bers Specializes in:

- **Roofing and Flashings**
- **Waterproofing Systems**
- **Below Grade Waterproofing**
- **Exterior Wall Systems**
- **Window Replacements**
- **Exterior Façade Upgrades**
- **Curtain Wall Systems**
- **Drains and Drainage**
- **Structural and Mechanical Systems**
- **Sustainable Building**
- **Solar and Energy**



# **Our Clients Include...**

- **Multi-family Residential**
- **Homeowner associations**
- **Facility Managers and Owners**
- **Hospitality, Hotel and Resort Projects**
- **Architects**
- **General Contractors**
- **Counties, Cities, States and Federal Government**
- **Universities, CCDs and K–12 Schools**
- **High Tech, Industrial and Commercial Clients**
- **Attorneys and Insurance Companies**





# Representative Client Firms

- **Multi-Family Developers and Managers:** Avalon Bay Communities, BRE Properties, Cantrell-Harris Associates, Certified Management, Classic Communities, Dubia, Erickson & Tenerelli, LLP, E&S Ring Management, Gibson-Speno, Greenbriar Communities, Hill and Company, Imperial Hawaii Resort, Intrawest Corporation, Jones & Forrest, KTGy Group, Inc, Massingham & Associates, Maxim Property Management, Mozart Development, Pacific States Management, Prometheus Real Estate Group, Rider Levett Bucknall, Ring Financial Inc., Sares Regis, Starwood Hotels & Resorts Worldwide, The Irvine Company Apartment Communities, The Matteson Companies, Trammel Crow Residential, Ventana Property Services
- **Architects:** MVE Architects, Callison, DES Architects & Engineers, Perkins+Will, DMJMH+N Design, tBP Architects, Fisher-Friedman Associates, Cody Anderson Wasney Architects, MBT Associates, Architectural Resources Group, Harris & Associates, Kanner Architects, Form 4 Architecture, KMD Architects, Anshen+Allen Architects, Joseph Wong Design Associates, Sugimura & Associates Architects, Steinberg Architects, Field Paoli Architects, HTI Inc., Architects, Sproutte+Watson Architecture, Rafael Viñoly PC, HNTB, MRY Architects and WCIT Architecture



# Representative Client Firms - Continued

- **Contractors:** Hathaway Dinwiddie, Turner Construction Company, Gilbane Building Company, Swinerton Builders, DPR Construction, Vance Brown Builders, Saarman Construction, Gordon-Prill, Draeger Construction, Ohana Environmental Construction, Overaa Construction, R.J. Daum Construction, and San Jose Construction
- **Attorneys:** Law firms of Miller Morton Caillat & Nevis, Plastiras and Terrizzi, Cox Castle Nicholson, Allen Matkins Leck Gamble Mallory & Natsis, Foley & Lardner, Feinberg Grant Mayfield Kaneda & Litt, Cannistraci Law Firm, Glenn K. Sato, Mitchell & Associates, Tarkington O'Conner & O'Neill, Reed Elliott Creech & Roth, Orrick Herrington & Sutcliffe, Burnham Brown, Law Offices of Robert Kahn, Hopkins & Carley, Low Ball & Lynch, and Morrison & Foerster
- **Local and State Government:** City and County of San Francisco, County of Alameda, County of Santa Clara, County of San Mateo, City of Livermore, City of San Jose, City of Fremont, City of Sacramento, City of Los Gatos, City of Sunnyvale, City of Saratoga, City of Modesto, City of Covina, City of Thousand Oaks, County of Sonoma, County of Solano and State of California GSA

