



Kirk Guesnon **Construction Specialist**

kirkguesnon@berthowe.com
800.482.1822



Certified Building Inspector,
International Code Council
Commercial and Industrial
Building Inspector

Southern California
Corporate Offices
5415 E. La Palma Ave.
Anaheim Hills, CA 92807
714.701.9180

Sacramento
180 Promenade Circle
Suite 300
95834
916.569.8400

San Antonio
17806 IH 10
Suite 300
78257
210.540.9017

San Diego
402 W. Broadway
Suite 400
92101
619.890.7782

Las Vegas
3960 Howard Hughes Parkway
Suite 500
89169
800.928.1822

Phoenix
2375 East Camelback Road
Suite 600
85016
800.305.6440

Salt Lake City
2150 South 1300 East
Suite 500
84106
800.482.1822

Denver
4600 South Syracuse
9th Floor
80237-2719
800.248.4096

Houston
800 Town and
Country Boulevard
Suite 300
77024
713.264.8221

Miami
1688 Meridian Avenue
Suite 600 & 700
33139
800.783.1822

EXPERIENCE

Mr. Guesnon brings more than twenty years of comprehensive experience in Type V construction and geotechnical field exploration to Bert L. Howe & Associates, Inc. His practical field experience has afforded him a wide-ranging level of knowledge as pertaining to constructability, sequence of operations, and building materials performance standards.

In 1994, Mr. Guesnon was employed by Barbell Drilling, located in Rowland Heights, California, as a heavy equipment operator. During his tenure with this firm, he was involved in many differing aspects of onsite drilling operations. He trained and supervised employees while executing daily drilling operational protocols with various types of equipment, including light cranes. Typically, Mr. Guesnon set up and operated drilling equipment to obtain solid core samples, and installed slope inclinometers for analyzing geological characteristics of the soil, depth of stratification, and strength of foundation material. He also recorded depths of core samples, drilling progress, and geological data. In addition to soils core sample drilling, Mr. Guesnon built up experience in deep caisson drilling, limited access and slope drilling, rebar cage construction, underpinned footing construction, shoring construction, and the installation of tie bars into existing foundations. He also added a working knowledge of concrete sawing, breaking, and coring. Mr. Guesnon has worked on a variety of project types, and has practical experience in horizontal drilling, blasting work, and drilling for site dewatering and oil well drilling. He has constructed elevator shafts and pits, and installed landscape drainage piping, collection devices, and discharge structures.



In 2002, Mr. Guesnon was employed by J&D Builders, located in Chino Hills, California. During this period in his career, he specialized in Type V residential framing. He gained a working knowledge and skill set as pertaining to structural wall framing, non-structural partition framing, stair construction, conventional wood floor framing, prefabricated truss floor framing, floor sheathing installation, conventional roof framing, truss roof structures, and roof sheathing installation. He also constructed door and window openings, exterior siding, eave fascia, and vertical and horizontal trim.

AREAS OF SPECIALIZATION

As a Construction Specialist for Bert L. Howe & Associates, Inc., Mr. Guesnon is involved in several different aspects of construction defect litigation research and analysis. He is also involved in all types of visual and destructive testing protocols, and provides documentation reports of observed conditions. He prepares detailed analyses and comparisons of plaintiff defect allegations and observed conditions.

Mr. Guesnon is an expert in the utilization of proprietary construction forensics analysis platforms, building materials costing, and the employment of contemporary means of delivering computerized material and area take-offs that are utilized for repair estimate preparation and as presentation exhibits for mediation and trial. He possesses a granular knowledge of SB 800 protocols and the functionality standards set forth therein.

Through his analysis of defect issue allegations and documented onsite observed conditions, Mr. Guesnon prepares comprehensive repair scope solutions, and also prepares detailed repair estimates that reflect cogent and practical solutions to remediation.

Mr. Guesnon utilizes several industry standard and proprietary software applications, such as OST (On-Screen Take-Off), Microsoft Office, Photo Image Database, and Microsoft Project.

CONSTRUCTION TECHNOLOGY AND FORENSIC EXPERIENCE

- ▣ Single Family Type V Residential Construction
- ▣ Construction Cost Estimating
- ▣ Scope of Work Documents
- ▣ Construction Logistics Analysis
- ▣ Demolition Logistics Protocol
- ▣ Project Monitoring Protocols
- ▣ Onsite Supervision and Oversight



CONSTRUCTION TECHNOLOGY AND FORENSIC EXPERIENCE *(continued)*

- ▣ Residential and Remodel Restorations
- ▣ Repair Estimate Preparation
- ▣ Comparison of Design Intent vs. As-Built Conditions
- ▣ Onsite Evidence Collection Protocols
- ▣ Photo Documentation of *In-Situ* Conditions
- ▣ Determination of Mechanism of Failure
- ▣ Repair Scope Preparation and Implementation
- ▣ Visual Inspection Protocols
- ▣ Intrusive Inspection Protocols
- ▣ Destructive Testing Protocols
- ▣ Prepare Responses to Plaintiff Allegations
- ▣ SB 800 Litigation
- ▣ Visual and Destructive Testing Observation Reports
- ▣ Window Installation Standards
- ▣ Moisture Intrusion Analysis
- ▣ Roofing Systems Installation and Performance
- ▣ Sheet Metal Component Interface and Performance
- ▣ Substrate Component Interface and Performance
- ▣ BHA Working Document Maintenance
- ▣ Heavy Equipment Operation
- ▣ Soil Sample Drilling
- ▣ Soils Testing Recordation Protocol
- ▣ Caisson Drilling
- ▣ Rebar Cage Construction
- ▣ Mat Slab Rebar Installation
- ▣ Concrete Wall Reinforcement
- ▣ Concrete Installation
- ▣ Concrete Coring
- ▣ Horizontal Drilling
- ▣ Blasting Work
- ▣ Site Dewatering
- ▣ Oil Well Drilling
- ▣ Elevator Shaft and Pit Construction



CONSTRUCTION TECHNOLOGY AND FORENSIC EXPERIENCE *(continued)*

- ▣ Landscape Drainage and Collection Systems
- ▣ Type V Wall, Floor, and Roof Framing
- ▣ Floor Truss System Construction