



## BASELine

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This year marks the 5<sup>th</sup> anniversary of our Testing & Inspection division. A question we often hear is, “Isn’t it a conflict of interest to have the Structural Engineer of Record perform Special Inspections on the same project?” The answer: far from it. In fact, it is actually highly recommended.

The Council of American Structural Engineers (CASE) in their *Guide to Special Inspections and Quality Assurance* states, “**The interests of the public, clients, and the AE community are best served when materials and workmanship critical to the structural integrity of structures are monitored through the Special Inspections process by the Structural Engineer of Record (SER)**...As the Special Inspector, the SER is able to communicate required corrections or Owner-directed changes before they are built into the structure, provide prompt responses to contractor’s field questions, expedite corrective measures to address contractor errors, help build and maintain team communication and working relationships with the contractor, and minimize misinterpretation of the structural design intent.”

What’s more, on May 1 of this year the U.S. Department of Defense updated its Unified Facilities Criteria (UFC) and added a requirement for **Special Inspector of Record (SIOR)** for seismic resisting systems. The SIOR *must be a licensed professional engineer* and supervise all Special Inspectors required by the contract documents and the IBC. Though the change in the UFC applies only to military projects for now, the private sector may soon follow suit.

Our team of licensed engineers and special inspectors provide clear and open communication to keep projects operating on schedule and in compliance with the contract documents and specifications. We create increased efficiency, optimize coordination, and can address field issues seamlessly.

The following page is just a sampling of recent award-winning projects in which BASE was both the Structural Engineer of Record and Special Inspector.

*BASE special inspectors are valuable team members supplementing the Contractor’s Quality Control programs to help ensure that materials and construction are in compliance with the contract documents and specifications. As a leader in engineering and inspection, BASE understands the unique construction requirements of the building industry.*



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# Double-Duty: BASE as SER & Special Inspector



## U.S. DEPARTMENT OF DEFENSE PROJECTS

### **P-182 MISSILE MAGAZINES**

Contractor: dck pacific construction, LLC  
Designer of Record: BASE



**Build Hawaii Award: Award of Excellence**  
*Federal Construction ~ \$30M and Under*  
General Contractors Association

### **USS ARIZONA MEMORIAL VISITOR CENTER REPLACEMENT**

Contractor: Watts Constructors, LLC  
Architect: The Portico Group



**Build Hawaii Award: Award of Excellence**  
*Federal Construction – More than \$30M*  
General Contractors Association

**Engineering Excellence Award: Honor Award**  
American Council of Engineering Companies of Hawaii

## PRIVATE SECTOR

### **PACIFICA**

Contractor: Ledor Construction Hawaii  
Hawaiian Dredging Construction Co.  
Architect: Architects Hawaii Limited



**Build Hawaii Award: Award of Excellence**  
*Residential – More than \$25M*  
General Contractors Association

### **SAFEWAY-BERETANIA**

Contractor: Unlimited Construction Services, Inc.  
Architect: Architectural Design Studio, LLC



**Build Hawaii Award: Award of Excellence**  
*Building Construction - \$10 to \$25M*  
General Contractors Association

### **OCEAN POINTE**



Contractor: Haseko Construction, Inc.  
Architect: Quad Design Group

**National Housing Quality Award  
Bronze Award**  
National Association of Home Builders

**Build Hawaii Award: Award of Merit**  
*Residential ~ \$5 to \$25M*  
Ocean Pointe Development Area IVE  
General Contractors Association

