

BASE Line

The quarterly newsletter of BASE

Winter 2015

B A S E

2015 YEAR IN REVIEW

2015 was a busy year for the construction industry and thanks to the continued support of our valued clients and colleagues, it was a productive year for us too. Our Honolulu office worked on projects large and small: from high-rise design like A'eo at Ward Village to tenant improvement work at the new expansion of Ala Moana Center. BASE Chicago forged new relationships with local architects and contractors and added new projects as a result. They also continue to work with our Delhi office on projects in India, and our Guam office completed a new hospital and design work for facilities for the Marine build-up. Here are other highlights from 2015.

Accolades



DBIA AWARDS - NATIONAL AWARD OF MERIT P-822 MCAS TERMINAL OPERATIONS & AIRCRAFT FIRE RESCUE COMPLEX, MARINE CORPS BASE HAWAII, KANEOHE, HAWAII

This \$47 million LEED Silver project led by dck-ecc pacific guam, LLC was the recipient of the 2015 Design-Build Institute of America National Award of Merit in the Aviation category, which attests to the success of the design-build team. RIM Architects was the Designer of Record and BASE was the structural engineer and special inspector of record.



CFSEI NATIONAL DESIGN EXCELLENCE AWARD PLAZA AT PEARL CITY, HONOLULU, HAWAII

This \$46 million, 158-bed, 107,000 SF, five-story facility was recognized for its use of cold-formed steel framing. The building structure is primarily supported by load-bearing cold-formed steel wall framing with some structural steel framing at lower levels to transfer those bearing walls out for more open activity areas. The cold-formed steel walls are used in concert with cold-formed steel joist framing and SURE-BOARD laminated shear panels.



BEST STRUCTURAL ENGINEERING FIRM TO WORK FOR ZWEIG GROUP

BASE once again made it on the national list of best structural engineering firms to work for. We have been recognized 10 times over the past 15 years.



Milestones

COMPLETION OF GUAM REGIONAL MEDICAL CITY DEDEDO, GUAM



Guam's newest and only private hospital in Guam opened in July. This 267,000 SF, state-of-the-art healthcare facility includes patient suites with 120-beds, 15 dedicated emergency beds, 15 intensive care rooms, eight surgery rooms, a birthing center and a neonatal care unit. It is five stories tall with a partial basement at one end. The structural system consists of spread/mat foundations, cast-in-place concrete walls/columns and a precast double tee floor/roof system designed to some of the highest seismic and wind requirements in the U.S. The exterior of the facility consists of ribbon windows, curtain walls and precast concrete cladding.

TOPPING OFF OF RITZ-CARLTON RESIDENCES WAIKIKI BEACH PHASE 1 AND GROUND BREAKING OF PHASE 2

The Ritz-Carlton Residences Waikiki Beach represents the largest new resort development in Waikiki in recent times. The project includes approximately 900,000 SF of space in two complementary 37-story towers, each 350 ft. tall providing a 570 luxury units in the heart of Waikiki. The towers are joined by an expansive 500-ft. long landscaped podium at the 8th floor.

Constructed in two phases the West Tower topped off in July 2015 and is expected to be completed in mid 2016. Foundation work started on the East Tower in November 2015 and is expected to be completed in 2017.



New Opportunities



AWARDED U.S. ARMY CORPS OF ENGINEERS IDIQ

BASE was one of three firms awarded a \$9,900,000 shared firm-fixed-price IDIQ contract for A/E services for miscellaneous projects in the Pacific region. The Army Corps of Engineers, Ft. Shafter, Hawaii, is the contracting agency.

NEW PROJECTS IN 2015

- Ward Village Gateway Towers, Honolulu, HI
- MGM Grand & Bellagio, Mumbai, India
- Nikko Hotel, Tumon Bay, Guam
- Guam Marine Relocation Build-up Work

INCREASE IN CONTRACTOR SERVICES WORK

2015 saw an increase in work related to construction such as value engineering, shoring and reshoring, tower crane and manhoist support, and framing modifications required to accommodate construction equipment. All of these reviews require a structural engineer with knowledge of construction means and methods. Here is a sampling of some of our contractor services work this year:

- 215 W Lake, Chicago, IL
- 1333 S Wabash, Chicago, IL
- International Marketplace, Honolulu, HI
- The Westin Nanea Ocean Villas, Ka'anapali, HI
- 707 N Wells, Chicago, IL
- 4 East Elm, Chicago, IL

