

EnCon United Congratulates Stresscon Corporation on Award Winning Ft. Carson Project

Denver, Colo. (May 6, 2016) - Stresscon Corporation's Fort Carson 13th CAB Barracks project has won a 2016 Rocky Mountain Chapter ACI Excellence in Concrete Award in the Public Project category. The Excellence in Concrete Awards Program recognizes outstanding work and exemplary use of concrete in the construction community. All award winners will be showcased at the Excellence in Concrete Awards program.

The 13th CAB Barracks project features six buildings, containing 15 inch thick insulated load-bearing precast/prestressed concrete panels that support a steel framed floor and roof system, and are designed to meet blast loading and anti-terrorist-force protection criteria. The separate buildings consisted of 486 unique panels that were erected in approximately 15 weeks, resulting in timely completion and turnover to the U.S. Army Corps of Engineers.

A collaborative design-build team including M.A. Mortenson, HDR Minneapolis, Structural Engineering Solutions, and Stresscon Corporation participated in creation of six buildings consisting of 207,700 square feet of precast concrete. Precast was determined to be the most efficient method to fast-track this project with a 365 day design to occupancy schedule. The panels were cast at a nearby plant, shipped to the project site, and quickly erected. The significance of this unit's mission, and the rapid pace of returning soldiers, required that new facilities be erected quickly to keep pace with the demand for services.

Stresscon provided 486 high performance, insulated non-composite wall panels with inset thin brick and acid etched architectural surfaces. The precast panels feature cast-in conventional clay thin brick accented with acid etched, architectural concrete banding. These panels were combined with fully acid-etched panels to accentuate specific building elements. The steady state R-value provided was 32, with the use of insulated non-composite wall panels over the entire precast panel area.

About Stresscon Corporation

Stresscon Corporation designs, fabricates, and erects quality structural and architectural precast concrete structures for the construction communities of Colorado and the Rocky Mountain region. Founded in 1967, and a member of the EnCon Companies since 1993, Stresscon is PCI certified and specializes in institutional and commercial applications. To learn more, visit www.Stresscon.com.