

Colorado Army National Guard Windsor Readiness Center

RB+B Architects, Inc.

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Construction Manager/General Contractor: Adolfsen & Peterson Construction

Location: Windsor, Colo.

Client: State of Colorado, Department of Military and Veterans Affairs

Scope: Full architectural design services, complete building and site design, as well as a master plan

Budget: \$8.9 million

Project Completion: September 2012 (projected)

Still in design, the new Colorado Army National Guard (COARNG) Windsor Readiness Center will house the 1157th Forward Support Company (FSC) of the COARNG. The 17-acre site will include a primary facility with an assembly hall, classrooms, a learning center, a kitchen with serving line, an administration area, a break room, separate unit equipment and individual equipment storage, vehicle maintenance training bays, con-

trolled waste, flammable materials storage, weapons vaults, a physical-fitness area and restrooms. Supporting facilities include military vehicle parking, access roads, personnel-owned vehicle parking, loading platform and a vehicle wash bay. Physical security measures are incorporated into the design, including maximum standoff distances from roads, property lines, parking areas and vehicle unloading areas.

The existing architectural context of the readiness center site is defined by the Great Western Industrial Park development. Many industrial buildings have been built in the area during the past several years, such as Hexcel, the Front Range Energy ethanol plant, Vestas wind blades and Owens-Illinois, Inc. glass. These facilities are all large industrial buildings planned to respond to their function as opposed to any overall design guidelines. However, the large-scale massing; substantial materials, such as concrete and steel; and forms responding to usage all begin to develop a vocabulary for the development.

Sustainable features include proper orientation, daylighting used throughout, a high-performance building envelope, a ground-source heat-exchange HVAC system and planning for future photovoltaic arrays. The project is targeting LEED Silver/Gold certification.

