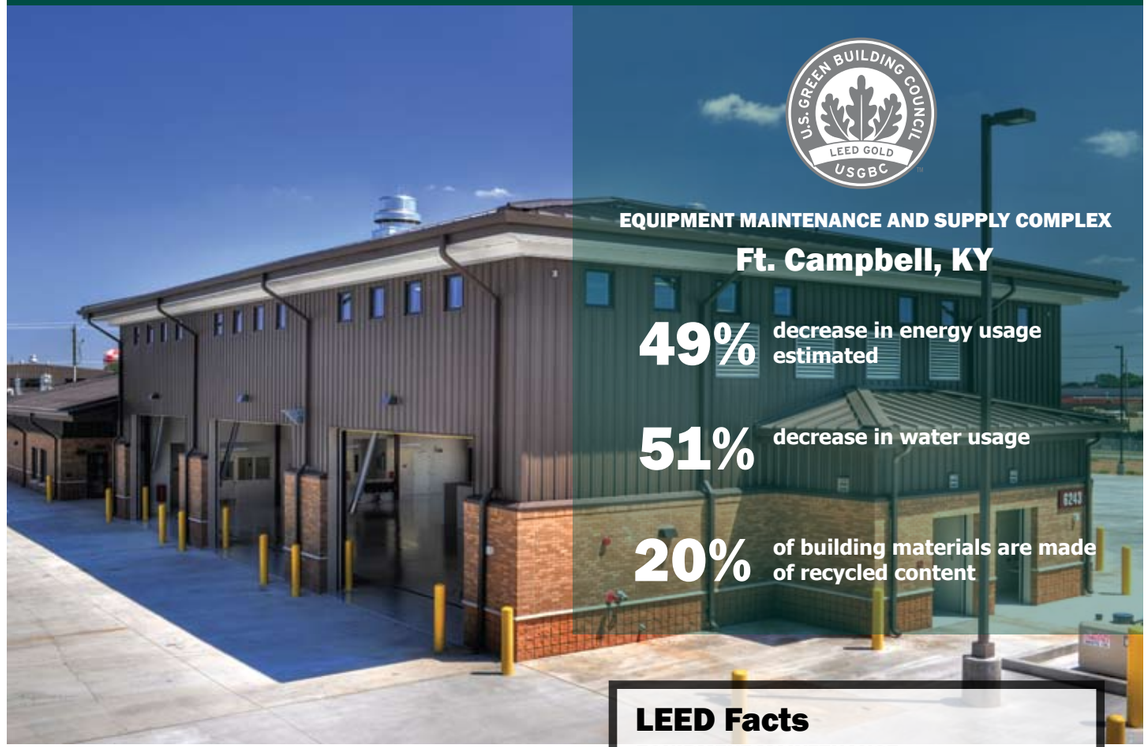
PROJECT PROFILE



Sustainable Design-Build

*J&S Construction Company, Inc. integrated sustainable features from all LEED categories including sustainable sites, water efficiency, energy and atmosphere, materials and resources and indoor environmental quality. An energy model was utilized in designing the building to reduce the energy usage by **49 percent** through the building envelope, heating and cooling, lighting and domestic water heating.*

Although all buildings were built with environmentally friendly features, only the site and TEMF buildings are LEED Gold certified with the U.S. Green Building Council. These buildings are the first LEED certified buildings on this base and LEED Gold Certified buildings in the US Army Corps of Engineers (Louisville District).

Project Background

The Equipment Maintenance and Supply Complex project was constructed in Fort Campbell, Ky., for the US Army Corps of Engineers. The complex is composed of two tactical equipment and maintenance facilities (12,433 sf each), two deployment equipment storage buildings (7,250 sf each), two petroleum, oils and lubricants storage rooms (540 sf each), one SCUBA building addition (6,267 sf) and one HALO Chute Ops and HALO Pack Area addition (3,336 sf).

LEED Facts

EQUIPMENT MAINTENANCE AND SUPPLY COMPLEX

Ft. Campbell, KY

LEED for New Construction awarded March 2011	
GOLD	42*
Sustainable Sites	7/14
Water Efficiency	4/5
Energy & Atmosphere	13/17
Materials & Resources	6/13
Indoor Environmental Quality	7/15
Innovation & Design	5/5

*Out of a possible 69 points

LEED® PROJECT PROFILE

Equipment Maintenance and Supply Complex • Ft. Campbell, Ky.

The Fort Campbell Project applied for 46 out of 69 possible LEED points ("credits"). Some of the credits applied for include:

- **SS PREREQUISITE 1: CONSTRUCTION ACTIVITY POLLUTION PREVENTION –** An Erosion and Sedimentation Control Plan was created and implemented for this project which:
  - Prevents loss of soil during construction by stormwater runoff and/or wind erosion
  - Prevents sedimentation of storm sewer or receiving streams
  - Prevents polluting the air with dust and particulate matter
- **SS CREDIT 6.1: STORMWATER DESIGN: QUANTITY CONTROL –** This project limited disruption of natural water hydrology by reducing impervious cover, increasing on-site infiltration, reducing or eliminating pollution from stormwater runoff, and eliminating contaminants.
- **SS CREDIT 6.2: STORMWATER DESIGN: QUALITY CONTROL –** A Stormwater Management Plan was implemented that reduced impervious cover, promoted infiltration, and captured and treated the stormwater runoff from **90 percent** of the average annual rainfall using acceptable best management practices (BMPs).
- **SS CREDIT 8: LIGHT POLLUTION REDUCTION –** This project minimizes light trespass from the building and site, reduces sky-glow to increase night sky access, improves nighttime visibility through glare reduction and reduces the developmental impact on nocturnal environments.
- **WE CREDIT 3.2: WATER USE REDUCTION –** This project maximizes water efficiency within buildings to reduce the burden on municipal water supply and wastewater systems. This was achieved through:
  - Dual flush water closets
  - Low flow, 0.125 gpf urinals in all male rest rooms
  - Low flow shower heads in all shower areas
  - All hand washing lavatories include automatic faucets with reduced run timers
- **MR CREDIT 2.1: CONSTRUCTION WASTE MANAGEMENT: DIVERT 50 PERCENT FROM DISPOSAL –** A Construction Waste Management plan was developed and implemented which diverts construction, demolition and land-clearing debris from disposal in landfills and incinerators and redirects recyclable recovered resources back to the manufacturing process.
- **MR CREDIT 4.1: RECYCLED CONTENT: 20 PERCENT (POST-CONSUMER + 1/2 PRE-CONSUMER) –** This project used building materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least **20 percent** (based on cost) of the total value of the materials in the project.
- **EQ CREDIT 4.1: LOW-EMITTING MATERIALS –** This project used low emitting adhesives, sealants, paints, coatings, carpets and composite to reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants.

J&S CONSTRUCTION

US Army Corps of Engineers

OHM Advancing Communities