



Freedom Elementary Ft. Sill, OK

Freedom Elementary School is a 210,000 SF state-of-the-art educational complex encompassing 33 acres at Fort Sill Army Garrison and operated by Lawton Public Schools (LPS). This \$42.2 million project was accomplished through a partnership between local, state and federal civilian and military leadership. The brownfield development site required significant landfill and floodplain mitigation prior to construction. The new campus replaced two elementary schools at Fort Sill which, according to a 2011 U.S. Department of Defense facilities assessment, were overcrowded and in poor condition.

Despite its size, the facility enjoys greater safety and security than traditional schools due to secure interior and exterior sightlines, secured perimeter via access control management and CCTV systems, secure entrance vestibules and four FEMA-compliant tornado safe rooms that can withstand winds up to 250 mph. In addition, the reinforced concrete and steel complex complies with federal Anti-Terrorism Force Protection criteria which include blast-standoff distances, blast-rated windows and doors, a mass notification system monitored locally by Lawton's 911 dispatch and HVAC emergency shutoff controls to prevent distribution of contaminants through the building.



The school's innovative design offers reduced life-cycle costs as its building envelope, lighting and mechanical systems achieve and energy-efficiency performance 30% better than code minimums. The complex also boasts a unified campus A/V system comprising network video displays, centralized routine and emergency communication protocols, networked intercom and instructional technology.

When complete, Freedom Elementary will achieve USGBC LEED Gold Certification and become the largest elementary school in Oklahoma. LPS has established the Lawton-Fort Sill Military Child Education Coalition to work collaboratively with military families, civilian and military leaders, educators and com-



munity members to establish support systems and develop processes that promote smooth transitions and resolve other educational issues related to the military child.

New Construction/Addition

Entire school/campus building

Boynnton Williams & Associates Architects

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DESIGN TEAM

Clarence Williams, Architect
Jason Ridings, Project Manager
Kirk Mackey, Project Architect
Harper Construction, General Contractor

OWNER/CLIENT

Lawton Public Schools
Fort Sill, OK
Dr. Tom Dieghan
580/357-6900

KEY STATS

Grades Served: PreK-5
Capacity: 1,500
Size of Site: 33 acres
Building Area: 209,800
Space per Student: 139.87 sq. ft.
Cost per Student: \$30,143
Square Foot Cost: \$215.52
Project Cost: \$45,215,368
Completion Date: July 2016
Sustainability Rating Status: LEED Gold

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