



Deer Creek High School Performing Arts and Athletic Center

Edmond, OK

New Construction/ Addition

Performing arts center

Renaissance Architects
11100 Stratford Drive, Suite A-100
Oklahoma City, OK 73120
renaissancearchitects.com
Socrates Lazaridis
405/749-4642

DLR Group
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DESIGN TEAM

Socrates Lazaridis, President, Project Designer
Steve Burgess, Project Manager
DLR Group, Consulting Architect
Flintco, LLC, Construction Manager
Smith Roberts Baldischwiler, LLC, Civil Engineer
Wallace Engineering, Structural Engineer

OWNER/CLIENT

Deer Creek Schools
Edmond, OK
Ranet Tippens, Superintendent
405/348-6100

KEY STATS

Grades Served: 9-12
Building Capacity: 4,869 students
Size of Site: 16.4 acres
Building Area: 106,977 sq. ft.
Space per Student: 22 sq. ft.
Cost per Student: \$5,790
Square Foot Cost: \$263
Construction Cost: \$28,192,408
Project Cost: \$28,192,408
Completion Date: October 2013

PHOTOGRAPHY: HOWARD DOUGHTY, DAVID COBB PHOTOGRAPHY



DAVID COBB PHOTOGRAPHY

The 106,977-sf Deer Creek High School Performing Arts and Athletic Center is the crown jewel of the Deer Creek High School campus. It is designed with monumental entry steps, which elevates the facility above ground and adds to its prominence. This state-of-the-art facility includes a 2,000-seat gymnasium and a 1,200-seat auditorium.

The gymnasium has a competition-size court surrounded by arena-style seating at the upper level. The lower level is served

with telescopic chair back and bench seating. The lower level seating, when retracted, provides for a flexible gymnasium floor layout which will accommodate multiple volleyball and basketball practice courts and will serve as an excellent venue for wrestling meets.

Support facilities for the gymnasium include six locker rooms, trainer's room, weight room, coaches' offices and conference rooms. The auditorium will seat 1,200 people and can

accommodate visiting production companies with its advanced theatrical lighting, professional quality catwalks and stage rigging. Performing Arts amenities include band and vocal practice spaces, orchestra pit, full thrust stage with fly loft to facilitate professional productions, makeup and changing rooms and storage production areas that include costume storage. The stage rigging is housed in a 50-foot-tall fly loft consisting of both manual and electric lines. The two systems allow for students to gain experience with both manual and electric stage rigging lines.

The lobby is located between the Performing Arts and Athletic Center and is used by both facilities, as well as for other school and community events. It includes a large concession area, offices for the athletic director and fine arts director and a District Spirit Store.

The facility is reflective of today's latest Green Design movement. The building envelope utilizes both mass, precast concrete and rigid insulation in order to be energy efficient. The insulation is



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also finished and serves an aesthetic function. The roof utilizes a white reflective EPDM finish, which reflects heat and utilizes a thick thermal barrier of insulation to conserve energy. The spaces that can best benefit from geothermal technology are served by a high-efficiency geothermal system. The other spaces utilize high-efficiency rooftop units, which are hidden from view. The landscaping and building lighting consist of the latest in LED technology and provides an additional aesthetic feature that can be programmed for various lighting conditions.



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