

2015 Exhibition of School Planning & Architecture

# East Perry Elementary School

Category: New Construction

Perry County Board of Education  
Hazard, Kentucky



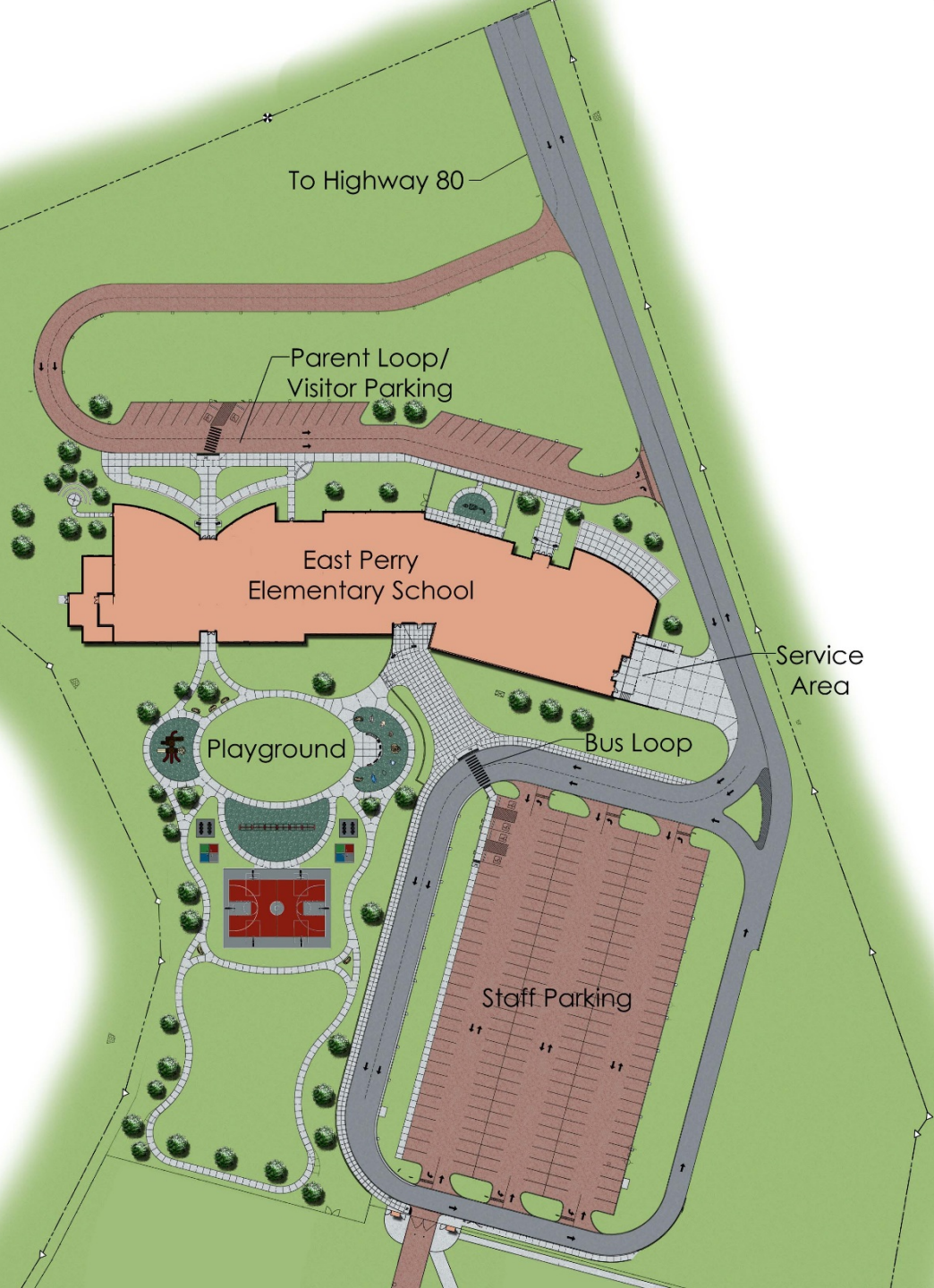


# East Perry Elementary School



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## SITE PLAN





# Exterior Façade



## **community environment**

The brand-new East Perry Elementary School replaced an aging facility that was originally constructed back in 1950. Located on a site that was previously used for mining, the contemporary facility features bold lines and striking masonry patterns reminiscent of the rock strata commonly seen throughout the region.



# Cafeteria



## **community environment** *(continued)*

In the original building, the cafeteria and gymnasium shared one space. Now with two separate rooms for each, the public has more space for extracurricular activities and after school programs. These common rooms can be closed off from the rest of the school to be accessible after hours.



# Gymnasium



## **community environment** *(continued)*

One of the main highlights of the new gym is a full-size middle/high school basketball court with retractable seating for 600 making this a popular venue for community and sporting events.



# Classroom



## learning environment *(continued)*

The facility was designed to group students by grade level. Intermediate and middle school classrooms are located on the upper floor. Younger students are located on the first floor in close proximity to shared common spaces.

# Computer Lab



## **learning environment** *(continued)*

Including state-of-the-art classrooms, a media center, a kitchen and cafeteria space for 625 students along with specialty classrooms (computer, art, music and science) also played a huge role in the design process. The computer lab, with its eye-catching and undulating three-dimensional ceiling, was put right at the front entrance to attract the attention of school visitors.



# Art Classroom



## **learning environment** *(continued)*

Each classroom includes interactive white boards and plenty of flexible space for students to learn in a creative environment. Support spaces are sprinkled throughout the school for one-on-one learning. These rooms can also be used to mentor art, science, music, math and speech.



# T-Rex Climbing Structure



## **learning environment** *(continued)*

The majority of the school's outdoor play spaces are located behind the school. Walkways lead to a pathway of discovery linking multiple playgrounds. A fossil-themed playground with a dinosaur climbing structure, a second jungle playground with a gecko and lion, and a music garden, are all located along the circular path. Basketball courts and a walking trail are also located in this area of the site.



# Physical Elements

## **physical environment**

Built on a site that was once mined, the new elementary school required a large amount of earthwork in order to get it ready for a building pad.

Structural steel framing with abuse resistant gypsum board was used in the majority of this building because of its lighter structural load. A colorful wall protection system was also used in the hallways to help protect the gypsum board.

The interior of the building has lots of fun colors, shapes, and signage throughout. A terrazzo serpentine floor pattern moves you through each space, welcoming students and encouraging a fun learning environment.

The masonry pattern on the exterior of the two-story building was designed to mimic the striation of the rock in the surrounding hills and pay tribute to their mascot, the Miners.





# Green Roof



## **physical environment** *(continued)*

The new school was designed to be environmentally friendly. A number of sustainable features include a green roof to help filter storm water, cool caps on low sloped roof areas to help reflect light, a geothermal HVAC system, a lighting configuration that includes occupancy sensors programmed to turn off lights when not in use, terrazzo flooring in corridors and common spaces to eliminate the need for waxing, and a myriad of recycled materials used to keep the overall cost economical.



# Planning Process



## planning process

After seven years of searching for a KDE approved site, a 12-acre piece of land on the property of an old coal mine was designated as the future home. Prior to construction, an 18-foot deep layer of soil had to be completely removed under the eventual building's footprint. The deep undercut then had to be filled in and compacted layer by layer in order to help prevent any future settlement.



# Media Center



## **planning process** *(continued)*

The planning committee, teachers, faculty and staff all played an integral part in the design and construction process. The design of each common space, such as the media center, was influenced by and tailored to fit the needs and wants for future occupants.



# Floor Plans

## DEPARTMENT LEGEND

- ADMINISTRATION
- CIRCULATION
- CLASSROOM
- GYMNASIUM
- KITCHEN/CAFETERIA
- MEDIA CENTER
- SPECIALTY CLASSROOMS
- SUPPORT SPACES



FIRST FLOOR PLAN



SECOND FLOOR PLAN



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## Project Data

Submitting Firm :	RossTarrant Architects
Project Role	Architect
Project Contact	Ronald Murrell
Title	Principal-in-Charge
Address	101 Old Lafayette Avenue
City, State or Province, Country	Lexington, KY 40502, United States
Phone	859.254.4018

Construction Firm:	
Project Role	D. W. Wilburn, Inc.
Project Contact	Jeff Edwards
Title	Site Superintendent
Address	153 Blue Sky Parkway
City, State or Province, Country	Lexington, Kentucky 40509
Phone	859-263-2720



# Exhibition of School Planning & Architecture

## Project Details

Project Name	East Perry Elementary School
City	Hazard
State	Kentucky
District Name	Perry County Schools
Superintendent	Jonathan Jett
Occupancy Date	August 7, 2013
Grades Housed	P – 8
Capacity(Students)	625
Site Size (acres)	12 acres
Gross Area (sq. ft.)	78,902 square feet
Per Occupant (pupil)	126 gross square feet
Site Development:	\$1,412,849
Building Construction:	\$14,151,799
Fixed Equipment:	(included in building construction)
Total:	\$15,564,648



# Playground Features





# Aerial View

