

2015 Exhibition of School Planning & Architecture

West Irvine Elementary School

Category: New Construction

Estill County Schools
Irvine, Kentucky



West Irvine Elementary School



West Irvine Elementary School

SITE PLAN



Reception Desk



community environment *(continued)*

Entry vestibules guide visitors into the reception area to be cleared for security prior to entering the rest of the school. Classroom wings can be secured independently to enable the public spaces to be used after hours.

Common Spaces



learning environment

Two wings separate younger students in grades one through three from intermediate students in fourth and fifth grades. Centrally located common spaces are shared.

Classroom



learning environment *(continued)*

Classrooms feature multiple teaching walls and flexible furnishings that can easily be reconfigured to accommodate multiple teaching styles. Several breakout rooms are located on both the lower and main level, allowing for one-on-one tutoring. These rooms also serve as spaces for small group classes and are great for hands-on activities.

Playground



learning environment *(continued)*

The site was developed to encourage active and passive play. A playground, walking trail, outdoor amphitheater, butterfly garden and music garden with interactive percussion instruments, encourage outdoor exploration and discovery. Within the bus loop, a rain garden helps to mitigate water runoff before it enters the adjacent Kentucky River.

Exterior Façade



physical environment

The masonry design on the exterior of the school is made to mimic and blend in with the surrounding residential community. The use of color and shapes throughout the interior was intended for wayfinding purposes. Colors were added to lockers, door frames and floor tiles to help identify grade levels and classrooms within the school.

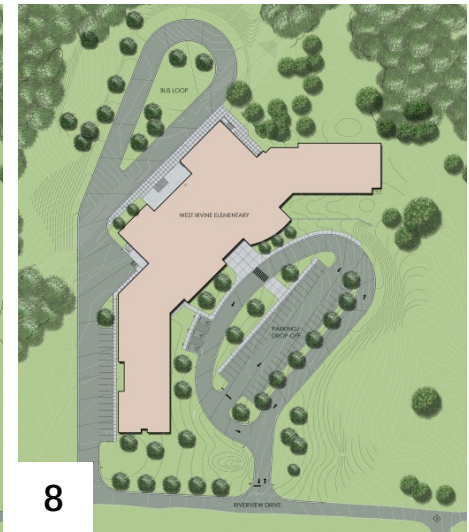
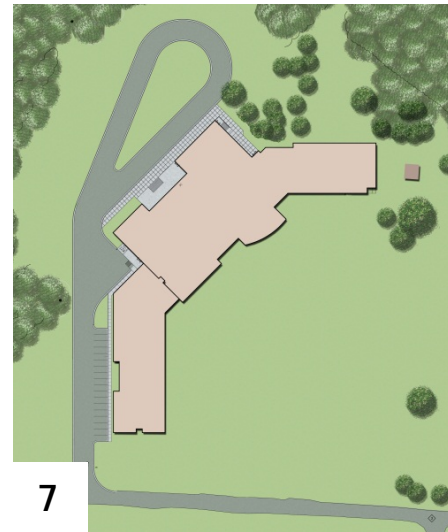
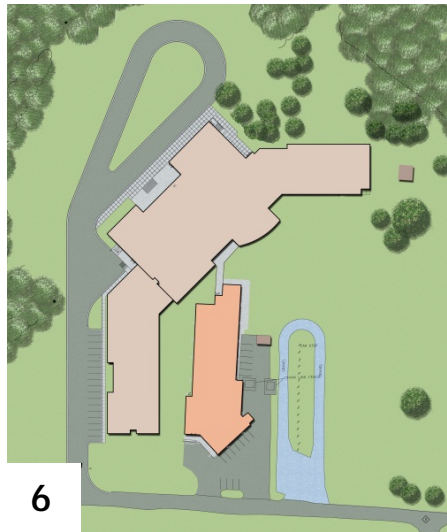
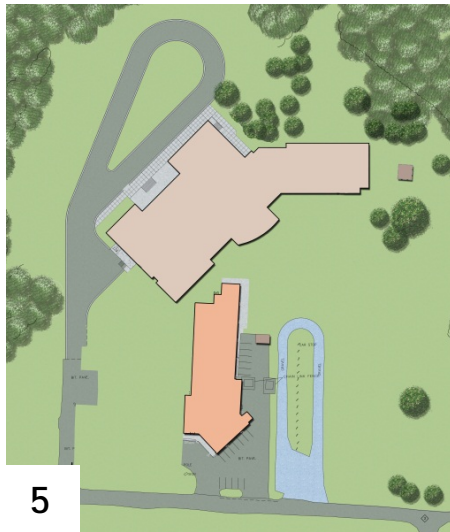
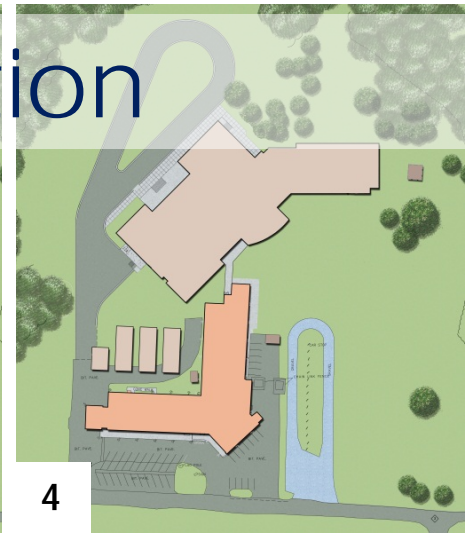
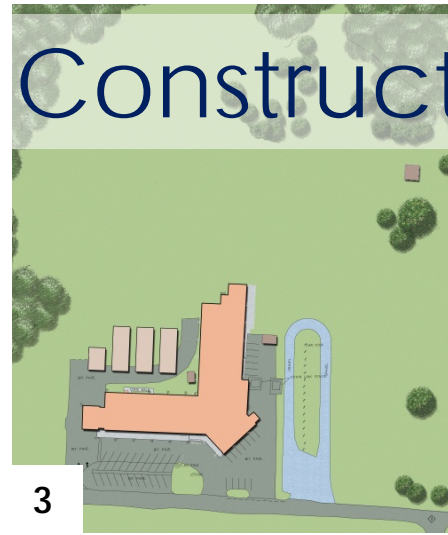
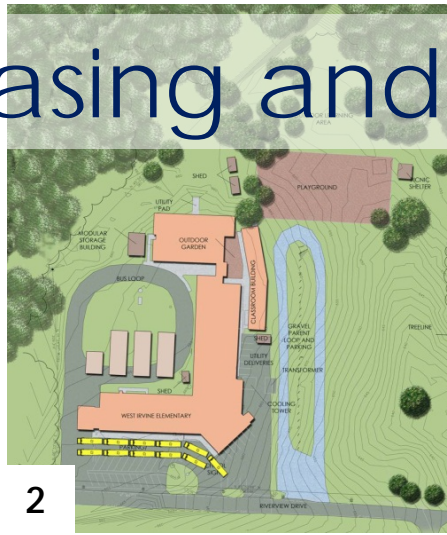
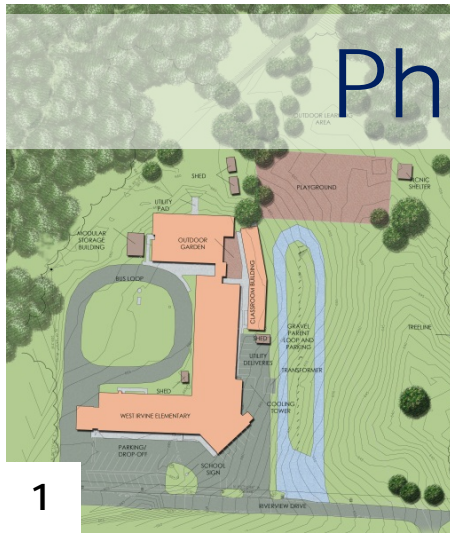
Media Center



physical environment *(continued)*

Natural daylighting, enhanced by sunshades, are found in the media center and other rooms that line the south facing façade. Additional sustainable features include a geothermal HVAC system, a highly reflective roof membrane to mitigate heat gain, and plenty of resilient materials.

Phasing and Construction



planning process

The new elementary school was built on the original school site. It was designed to be constructed in carefully sequenced phases to enable the school to remain operational throughout the course of construction.

Community



planning process *(continued)*

The planning committee, made up of teachers, administrators and school board members, were all a part of the overall planning process. Each member took ownership right from the start and continued to help with design decisions along the way. Surrounding community members, including the mayor, helped to garner excitement throughout the community and stood proud during the ribbon cutting ceremony.

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	Griggs Enterprises
Project Contact	Andy Griggs
Title	President
Address	PO Box 286
City, State or Province, Country	Paris, Kentucky 40362
Phone	859-987-6744

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Project Details

Project Name	West Irvine Elementary School
City	Irvine
State	Kentucky
District Name	Estill County School District
Supt/President	Jeff Saylor
Occupancy Date	July 9, 2013
Grades Housed	P – 12
Capacity(Students)	600
Site Size (acres)	15.24 acres
Gross Area (sq. ft.)	69,456 square feet
Per Occupant (pupil)	116 square feet
Site Development:	\$1,083,076
Building Construction:	\$10,345,903
Fixed Equipment:	(included in building construction)
Total:	\$11,428,979

Gymnasium



Music Garden



Bus Pickup & Drop-off

