

District Name: Spencer Co. District Code: 541 Facility Name: Spencer Co. High School Athletics & Academic Bldg. School Code: 50

Project Name: _____

PROJECT TYPE: Yes No — Gross Building Area (sf.)
New Building ☒ ☐ 11,167 (Athletic Bldg)
Addition ☒ ☐ 2,272 (HS addition)
Renovation ☐ ☒ _____

Provisions for Future Expansion: Not Applicable

Proposed Alternates: (1) Owner Preferred Mfr's.
(2) _____
(3) _____

Describe special conditions, phasing of project and alternates, attach a supplemental sheet, if needed.

BUILDING CONSTRUCTION CHARACTERISTICS:

Description of Building Structure:

Foundation: Shallow spread concrete footings.

Exterior Walls: Block; 8" CMU w/ rigid insulation & brick veneer (both bldgs.)

Roof Structure: Pre-Engineered Metal Trusses (Athletics); Steel Joist (HS addition)

ENERGY EFFICIENT DESIGN (KRS 157.450 and KRS 157.455):

Energy Consumption "Existing" (kBtu/sf/yr)

45 Energy Consumption Target (kBtu/sf/yr)

YES NO
☐ ☒ LEED Certified Other: _____
☐ ☒ Designed to meet Energy Star
☒ ☐ Exceeds ASHRAE 90.1(2007) by 10% (Minimum)
☐ ☒ Whole Building Life Cycle Cost Analysis Demonstrating Cost Effective Design
Life Cycle Cost Analysis Software Used: _____

If not yes to one or more of the above, explain why. Not Applicable.

☐ ☒ Designed to be Net-Zero
☐ ☒ Designed to be Net-Zero Ready

Energy Efficient Design Features: (See List Page 4, or Use Drop Down List)

East / West Building Orientation ☒ YES ☐ NO

Gross Exterior Wall Area (sf): 6,670 (Athletics); 1,864 (HS addition) Avg. Exterior Wall R-Value: 11.5

Gross Window / Door Area (sf): 168 (Athletics); 145 (HS addition) Avg. Window/Door R-Value: 15

Gross Roof Area (sf): 14,921 (Athletics - incl. breezeway); 2,098 (HS addition) Avg. Roof R-Value: 22.5

Exterior Wall Type: A - face brick, captured air space, board insulation and waterproof CMU Other: _____

Roofing Type: D - metal roofing over nailable deck with insulation Other: _____

HVAC System Type: B - water source heat pump system with air make up Other: _____

Classroom Lighting: E - other Other: LED lighting

Active Daylighting: F - none Other: _____

Passive Daylighting: G - none Other: _____

On Site Energy Generation: G - none Other: _____

OUTLINE SPECIFICATIONS ENERGY DESIGN CRITERIA

Air Purification Systems : YES ☐ NO ☒Gray Water System : YES ☐ NO ☒Low Water Use Fixtures : YES ☒ NO ☐

Other: _____

PLUMBING:Type of Sewage Disposal: Municipal**HEATING, VENTILATION AND AIR CONDITIONING:**Heating Only: _____ Heating & Mechanical: _____ HVAC: X A/C Only: _____
Ventilation Only

Fuel Source/Backup (if applicable): _____

ELECTRICAL:Source of Electric Power: New pad-mounted transformer.Voltage Serving Facility: 120/208V/3-phase

Number of Convenience Outlets:

Classrooms 10Library/Media Center N/ABusiness Ed N/AFamily & Consumer Science N/ACamera System: Yes

Lighting Intensity (fc.):

Std. Classrooms 50Library/Media Ctr N/AScience Lab NAScience Clrm N/ABand/Music N/ABusiness Ed N/AShops NA/

Corridors _____

Stairways N/ACafeteria N/APre-School Clrm N/AArt Classroom N/AGymnasium N/A**SPECIAL EQUIPMENT:**

System	Conduit Only	Conduit & Wiring	Complete with Equipment
Bell	_____	_____	<u>X</u>
Clock	_____	_____	<u>X</u>
Fire Alarm	_____	_____	<u>X</u>
Intercom	_____	_____	<u>X</u>
Telephone	_____	_____	<u>X</u>
Television	_____	<u>X</u>	_____
Computer	_____	<u>X</u>	_____
Wireless Network	_____	<u>X</u>	_____
Interactive White bd	_____	<u>X</u>	_____
Voice Amplification	_____	_____	_____

FIXED EQUIPMENT:

Teacher Cabinet	_____	Custodial Room Shelves	_____
Athletic Lockers	<u>X</u>	Science Laboratories	_____
Folding Bleachers	_____	Family & Consumer Sci	_____
Library Furnishings	_____	Other	<u>Storage Bldg.</u>
Dry Food Shelves	_____	Other	<u>Pressboxes & Stands</u>

INTERIOR FINISH SCHEDULE:

AREA	FLOOR	WAINSCOT	WALLS	CEILING
General Office				
Corridors	Vinyl Comp. Tile		CMU (Latex Paint)	Acoust. Clg. Tile
Custodial				
Kitchen				
Cafeteria				
Gym	Athletic Rubber Tile		CMU (Latex Paint)	Acoust. Clg. Tile
Showers/Locker	Cer. Tile / Rubber Tile		CMU (Epoxy Paint)	Gyp / Vinyl Faced Acoust. Clg.
Toilets	Conc. (Epoxy Paint)		CMU (Epoxy Paint)	Vinyl Faced Acoust. Clg. Tile
Library/Media Cntr				
Classrooms	Vinyl Comp. Tile		CMU (Latex Paint)	Acoust. Clg. Tile
Music				
Art				
Science				
FMD				
OTHER AREAS				

Miscellaneous Project Specific Features: _____

Kentucky Registered Architect:	_____	Date: _____
	Signature	
Kentucky Registered Engineer:	_____	Date: _____
	Signature	
Board Designee or Superintendent:	_____	Date: _____
	Signature	