

District Name: Mercer County District Code: 421 Facility Name: Mercer County Senior High School School Code: _____

Project Name: Mercer County Athletic Improvements

PROJECT TYPE: Yes No Gross Building Area (sf.)
 New Building Athletics Building: 5,576 sf; Concessions Building: 2,445 sf
 Addition _____
 Renovation _____
 Provisions for Future Expansion: n/a

Proposed Alternates: (1) Owner preferred hardware manufacturer
 (2) Light Show on field lighting
 (3) Sound System
 (4) Relocation of existing scoreboard from AJ Field
 (5) Chair backs on bleachers of entire middle section

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

BUILDING CONSTRUCTION CHARACTERISTICS:

Description of Building Structure:
 Foundation: concrete spread footings/slab on grade
 Exterior Walls: load bearing CMU with brick veneer
 Roof Structure: Wood trusses/framing

ENERGY EFFICIENT DESIGN (KRS 157.450 and KRS 157.455):

N/A Energy Consumption "Existing" (kBtu/sf/yr)
1 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. _____

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): 5,538 sf Avg. Exterior Wall R-Value: 2
 Gross Window / Door Area (sf): 878 sf Avg. Window/Door R-Value: 3.5
 Gross Roof Area (sf): 8,850 sf Avg. Roof R-Value: 25
 Exterior Wall Type: B - face brick, captured air space, sprayed insulation on CMU Other: _____
 Roofing Type: E - asphalt shingle roofing over nailable deck with insulation Other: _____
 HVAC System Type: L - other Other: Unit htrs, DX splits
 Classroom Lighting: E - other Other: N/A
 Active Daylighting: F - none Other: _____
 Passive Daylighting: G - none Other: _____
 On Site Energy Generation: G - none Other: _____

Air Purification Systems : YES NO

Gray Water System : YES NO

Low Water Use Fixtures : YES NO

Other: _____

PLUMBING:

Type of Sewage Disposal: Lift station into municipal system

HEATING, VENTILATION AND AIR CONDITIONING:

Heating Only: _____ Heating & Mechanical: X HVAC: Limited A/C Only: _____
Ventilation Only

Fuel Source/Backup (if applicable): N/A

ELECTRICAL:

Source of Electric Power: Utility

Voltage Serving Facility: 480V

Number of Convenience Outlets:
Classrooms N/A
Library/Media Center N/A
Business Ed N/A
Family & Consumer Science N/A

Camera System: N/A

Lighting Intensity (fc.):
Std. Classrooms N/A
Library/Media Ctr N/A
Science Lab N/A
Science Clrm N/A
Band/Music N/A
Business Ed N/A
Shops N/A
Corridors 20
Stairways N/A
Cafeteria N/A
Pre-School Clrm N/A
Art Classroom N/A
Gymnasium N/A

SPECIAL EQUIPMENT:

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

FIXED EQUIPMENT:

Teacher Cabinet	<u>N/A</u>	Custodial Room Shelves	<u>N/A</u>
Student Lockers	<u>N/A</u>	Science Laboratories	<u>N/A</u>
Folding Bleachers	<u>N/A</u>	Family & Consumer Sci	<u>N/A</u>
Library Furnishings	<u>N/A</u>	Other	_____
Dry Food Shelves	<u>Yes, in Concessions</u>	Other	_____

INTERIOR FINISH SCHEDULE:

AREA	FLOOR	WAINSCOT	WALLS	CEILING
General Office	Carpet Tile	N/A	Paint	Painted
Corridors	N/A	N/A	N/A	N/A
Custodial	Sealed Concrete	N/A	N/A	N/A
Kitchen	N/A	N/A	N/A	N/A
Cafeteria	N/A	N/A	N/A	N/A
Gym	N/A	N/A	N/A	N/A
Showers	Porcelain Tile	N/A	Porcelain Tile	Painted
Toilets	Porcelain Tile	N/A	Paint	Painted
Library/Media Cntr	N/A	N/A	N/A	N/A
Classrooms	N/A	N/A	N/A	N/A
Music	N/A	N/A	N/A	N/A
Art	N/A	N/A	N/A	N/A
Science	N/A	N/A	N/A	N/A
FMD	N/A	N/A	N/A	N/A
OTHER AREAS				
Concessions	Porcelain Tile	N/A	Paint	Painted
Locker Rooms	Athletic Carpet Tile	N/A	Paint	Painted

Miscellaneous Project Specific Features: _____

Kentucky Registered Architect: Beth Bauer Date: 2/11/2026
 Signature

Kentucky Registered Engineer: Arum Hunt Date: 2-11-26
 Signature

Board Designee or Superintendent: _____ Date: _____
 Signature

Energy Efficient Design Features Lists

Exterior Wall Type

- A - face brick, captured air space, board insulation and waterproof CMU
- B - face brick, captured air space, sprayed insulation on CMU
- C - face brick, captured air space, sheathing over metal insulated stud system, interior finish system
- D - face brick, ICF poured concrete, interior finish system
- E - other, describe

Roofing Type List

- A - modified bitumen over rigid insulation
- B - EPDM over rigid insulation
- C - plastic single ply over rigid insulation
- D - metal roofing over nailable deck with insulation
- E - asphalt shingle roofing over nailable deck with insulation
- F - other, describe

HVAC System Type List

- A - two pipe unit ventilator system
- B - water source heat pump system with air make up
- C - ground source heat pump system with air make up
- D - hybrid water source heat pump system with boiler/chiller and well field with air make up
- E - variable refrigerant flow (VRF) with air make up
- F - hybrid geothermal/variable refrigerant flow (VRF) with air make up
- G - variable refrigerant volume (VRV) with air make up
- H - hybrid geothermal/variable refrigerant volume (VRV) with air make up
- I - chilled beam system
- J - hybrid chilled beam/geothermal system
- L - other

Classroom Lighting List

- A - T8 fluorescent fixtures
- B - T5 fluorescent fixtures
- C - high energy gas fixtures
- D - low voltage systems
- E - other

Active Daylight System List

- A - classroom fluorescent dimming including dimming switches, ballasts and sensors
- B - occupancy light control sensors
- C - remote sensor bi-level lighting with no fixtures dimming
- D - manual bi-level lighting with no fixture dimming
- E - other
- F - none

Passive Daylight Systems List

- A - upper classroom clerestory lighting with sloped ceiling plane
- B - lower classroom clerestory lighting that does NOT require sloping the ceiling plane
- C - exterior light shelves
- D - solar tubes without dimming
- E - solar tubes with internal dimmers
- F - other
- G - none

On Site Energy Generation List

- A - solar water heating
- B - solar electric generation (small units for demonstration or for limited areas)
- C - solar electric generation (to support the entire building's energy needs)
- D - wind generation (small units for demonstration or for limited areas)
- E - wind generation (to support the entire building's energy needs)
- F - other
- G - none

For Reference