

District Name: Hopkins County District Code: 265 Facility Name: School Board Office School Code: _____

Project Name: School Board Office Renovation / Addition

PROJECT TYPE:	Yes	No	Gross Building Area (sf.)
New Building	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>0</u>
Addition	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>5,448</u>
Renovation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>18,413</u>

Provisions for Future Expansion: _____

Proposed Alternates: (1) Pre-Engineered 40 x 80 Storage Building
 (2) Garage addition
 (3) Owner Preferred Door Hardware

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

BUILDING CONSTRUCTION CHARACTERISTICS:

Description of Building Structure:

Foundation: Reinforced poured concrete stem walls and spread footings.

Exterior Walls: Existing exterior walls are brick / EIFS on metal stud backup.

Roof Structure: Existing roof structure is metal deck and joists with existing foam board insulation and membrane roofing.

ENERGY EFFICIENT DESIGN (KRS 157.450 and KRS 157.455):

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

50 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. Existing Facility,

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): 13,821 Avg. Exterior Wall R-Value: 13.6

Gross Window / Door Area (sf): 2,597 Avg. Window/Door R-Value: 2.5

Gross Roof Area (sf): 17,823 Avg. Roof R-Value: 26

Exterior Wall Type: C - face brick, captured air space, sheathing over metal insulated stud system, interior finish system Other: _____

Roofing Type: C - plastic single ply over rigid insulation Other: _____

HVAC System Type: L - other Other: RTU and Splits

Classroom Lighting: E - other Other: LED Lighting

Active Daylighting: B - occupancy light control sensors 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: Bipolar Ionization to be utilized in units with recirculating air.

PLUMBING:

Type of Sewage Disposal: Gravity sewer to municipal system.

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: Madisonville Electric Department

Voltage Serving Facility: 120/208 3 Ph 4 wire

Number of Convenience Outlets:
Classrooms N/A
Library/Media Center +/-12
Business Ed N/A
Family & Consumer Science N/A

Camera System: I.P Video Surveillance
Cameras by Owner
Conduit and Wiring by Contractor

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>	<u>N/A</u>	<u>N/A</u>
Clock	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
Fire Alarm			<u>X</u>
Intercom	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
Telephone		<u>X</u>	<u>Phones by Owner</u>
Television		<u>X</u>	<u>TVs by Owner</u>
Computer		<u>X</u>	<u>Computers by Owner</u>
Wireless Network		<u>X</u>	<u>WAPs by Owner</u>
Interactive White bd	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
Voice Amplification			<u>X (Board Rm Only)</u>

FIXED EQUIPMENT:

Teacher Cabinet	_____	Custodial Room Shelves	_____
Student Lockers	_____	Science Laboratories	_____
Folding Bleachers	_____	Family & Consumer Sci	_____
Library Furnishings	_____	Other	_____
Dry Food Shelves	_____	Other	_____

INTERIOR FINISH SCHEDULE:

AREA	FLOOR	WAINSCOT	WALLS	CEILING
General Office	Carpet / LVT	N/A	Mtl. Studs/ Gyp. Paint	Suspended Ceilings
Corridors	LVT	N/A	Mtl. Studs/ Gyp. Paint	Suspended Clgs/Gyp Soffits
Custodial	Sealed Conc.	N/A	Mtl. Studs/ Gyp. Paint	Suspended Ceilings
Kitchen	Ceramic Tile	N/A	Mtl. Studs/ Gyp. Paint	Suspended Ceilings
Cafeteria	N/A	N/A	N/A	N/A
Gym	N/A	N/A	N/A	N/A
Showers/Locker	N/A	N/A	N/A	N/A
Toilets	Ceramic Tile	N/A	Mtl. Studs/ Gyp. Paint	Suspended Clgs/Gyp Soffits
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				
Board Room	Carpet / LVT	N/A	N/A	Suspended Ceilings
Open Work Areas	LVT	N/A	N/A	Suspended Ceilings

Miscellaneous Project Specific Features: _____

Kentucky Registered Architect: DEREK T. BROOKS Date: 10/4/24
Signature

Kentucky Registered Engineer: [Signature] Date: 11/11/24
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