

District Name: Allen County District Code: _____ Facility Name: Allen Campus School Code: _____

Project Name: Campus air quality upgrades

PROJECT TYPE: Yes No Gross Building Area (sf.)

New Building ☐ ☐ _____

Addition ☐ ☐ _____

Renovation ☒ ☐ _____

Provisions for Future Expansion: _____

Proposed Alternates: (1) pavement addition and geothermal well flushing and new fittings fused.
(2) Addition of bi-polar ionization to all buildings
(3) Mechanical chilled beam system at High School replacement, preferred manufacturer.

Describe special conditions, phasing of project and alternates, attach a supplemental sheet, if needed.
The project includes replacement of existing HVAC systems on multiple buildings, selective replacement of floor material, and roof replacement.

BUILDING CONSTRUCTION CHARACTERISTICS:

Description of Building Structure:

Foundation: Existing, no work.

Exterior Walls: Existing, no work.

Roof Structure: Existing to remain, no work except roof system replacement

ENERGY EFFICIENT DESIGN (KRS 157.450 and KRS 157.455):

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

25 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 mechanical system replacement, with select floor upgrades.

☐ ☒ 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): N/A- EXISTING Avg. Exterior Wall R-Value: N/A- EXISTING

Gross Window / Door Area (sf): N/A- EXISTING Avg. Window/Door R-Value: N/A- EXISTING

Gross Roof Area (sf): N/A- EXISTING Avg. Roof R-Value: N/A- EXISTING

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

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

HVAC System Type: C - ground source heat pump system with air make up Other: _____

Classroom Lighting: D - low voltage systems Other: _____

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: _____

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: _____	Lighting Intensity (fc.):
	Std. Classrooms <u>N/A- EXISTING</u>
Voltage Serving Facility: <u>120/208</u>	Library/Media Ctr <u>N/A- EXISTING</u>
	Science Lab <u>N/A- EXISTING</u>
Number of Convenience Outlets:	Science Clrm <u>N/A- EXISTING</u>
Classrooms <u>N/A</u>	Band/Music <u>N/A- EXISTING</u>
Library/Media Center <u>N/A</u>	Business Ed <u>N/A- EXISTING</u>
Business Ed <u>N/A</u>	Shops <u>N/A</u>
Family & Consumer Science <u>N/A</u>	Corridors <u>N/A- EXISTING</u>
	Stairways <u>N/A- EXISTING</u>
Camera System: <u>Yes</u>	Cafeteria <u>N/A- EXISTING</u>
	Pre-School Clrm <u>N/A</u>
	Art Classroom <u>N/A- EXISTING</u>
	Gymnasium <u>N/A- EXISTING</u>

SPECIAL EQUIPMENT:

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

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>N/A</u>	Other	_____

INTERIOR FINISH SCHEDULE:

AREA	FLOOR	WAINSCOT	WALLS	CEILING
General Office	N/A	N/A	N/A	Suspended Ceiling
Corridors	N/A	N/A	N/A	Suspended Ceiling
Custodial	N/A	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/Locker	N/A	N/A	N/A	N/A
Toilets	N/A	N/A	N/A	N/A
Library/Media Cntr	Luxury Vinyl Tile	N/A	N/A	Suspended Ceiling
Classrooms	Luxury Vinyl Tile	N/A	N/A	Suspended Ceiling
Music	Luxury Vinyl Tile	N/A	N/A	Suspended Ceiling
Art	Luxury Vinyl Tile	N/A	N/A	Suspended Ceiling
Science	N/A	N/A	N/A	N/A
FMD	N/A	N/A	N/A	N/A

OTHER AREAS

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Project Specific Features: _____

Kentucky Registered Architect:


Signature

Date: 8/8/2022

Kentucky Registered Engineer:


Signature

Date: 08/09/22

Board Designee or Superintendent:

Signature

Date: _____