

District Name: Marion County District Code: 375 Facility Name: Marion County ATC School Code: \_\_\_\_\_

Project Name: Marion County ATC - Renovation & Addition

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

New Building   \_\_\_\_\_

Addition   4,953

Renovation   50,961

Provisions for Future Expansion: None

Proposed Alternates: (1) Owner Preferred Controls

(2) Solid Vinyl Tile Flooring Upgrade

(3) Owner Preferred Door Hardware

(4) Wall Hung Canopy

Describe special conditions, phasing of project and alternates, attach a supplemental sheet, if needed.  
 Refer to drawings set for phasing and sequencing plan

**BUILDING CONSTRUCTION CHARACTERISTICS:**

Description of Building Structure:

Foundation: Concrete spread footings at bearing walls with concrete slab on grade construction.

Exterior Walls: B - Masonry Load bearing w/ masonry veneer at the building addition. Bituminous dampproofing over existing to remain CMU and brick replacement. Replacment of existing brick at most exterior existing walls.

Roof Structure: A - Two-ply SBS over sloped structure at the addition's new roof areas. Repair existing roof under warranty as required for new penetrations

**ENERGY EFFICIENT DESIGN (KRS 157.450 and KRS 157.455):**

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

35 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): 1,587 Avg. Exterior Wall R-Value: 19

Gross Window / Door Area (sf): 475 Avg. Window/Door R-Value: 3

Gross Roof Area (sf): 4,617 Avg. Roof R-Value: 30

Exterior Wall Type: B - face brick, captured air space, sprayed insulation on CMU Other: \_\_\_\_\_

Roofing Type: A - modified bitumen over rigid insulation Other: \_\_\_\_\_

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

Classroom Lighting: E - other Other: \_\_\_\_\_

Active Daylighting: \_\_\_\_\_ Other: \_\_\_\_\_

Passive Daylighting: \_\_\_\_\_ Other: \_\_\_\_\_

On Site Energy Generation: \_\_\_\_\_ 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): NA

**ELECTRICAL:**

Source of Electric Power: Utility

Voltage Serving Facility: 480/277V/3P/4W

Number of Convenience Outlets:  
Classrooms 8  
Library/Media Center NA  
Business Ed NA  
Family & Consumer Science NA

Camera System: Existing

Lighting Intensity (fc.):  
Std. Classrooms 50  
Library/Media Ctr NA  
Science Lab 75  
Science Clrm 50  
Band/Music NA  
Business Ed NA  
Shops NA  
Corridors 20  
Stairways NA  
Cafeteria NA  
Pre-School Clrm NA  
Art Classroom NA  
Gymnasium NA

**SPECIAL EQUIPMENT:**

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

**FIXED EQUIPMENT:**

Teacher Cabinet	<u>Yes</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:**

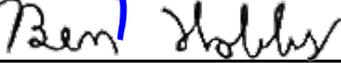
AREA	FLOOR	WAINSCOT	WALLS	CEILING
General Office	ETR	N/A	Paint	Acoustical Ceiling Tile
Corridors	LVT	N/A	Paint	Acoustical Ceiling Tile
Custodial	N/A	N/A	N/A	N/A
Kitchen	N/A	N/A	N/A	N/A
Cafeteria	N/A	N/A	N/A	N/A
Gym	N/A	N/A	N/A	N/A
Showers/Locker	N/A	N/A	N/A	N/A
Toilets	N/A	N/A	N/A	N/A
Library/Media Cntr	N/A	N/A	N/A	N/A
Classrooms	LVT	N/A	Paint	Acoustical Ceiling Tile/ Painted (
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

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

Miscellaneous Project Specific Features: \_\_\_\_\_

Kentucky Registered Architect:  Date: 3/10/2026  
 Signature

Kentucky Registered Engineer:  Date: 3/10/2026  
 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

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For Reference