

District Name: Simpson County District Code: 535 Facility Name: Franklin-Simpson High School School Code: 040

Project Name: CTE Improvements, Alternative School Addition

PROJECT TYPE: Yes No Gross Building Area (sf.)
 New Building _____
 Addition 8836.02
 Renovation 31406.87

Provisions for Future Expansion: New Corridor will accommodate expansion in 2 directions if needed.

Proposed Alternates: (1) Owner preferred hardware (4) Owner preferred HVAC controls
 (2) Owner preferred fire alarms (5) Owner preferred roof membrane
 (3) Owner preferred security (6) _____

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

BUILDING CONSTRUCTION CHARACTERISTICS:

Description of Building Structure:

Foundation: Concrete spread-footing.

Exterior Walls: Load-bearing CMU walls with brick veneer and metal panel.

Roof Structure: Low-sloped roof joist with metal deck

ENERGY EFFICIENT DESIGN (KRS 157.450 and KRS 157.455):

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

30 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): 11341.1 Avg. Exterior Wall R-Value: (at new cons.) 15.5

Gross Window / Door Area (sf): 2205.4 Avg. Window/Door R-Value: (at new cons.) 4.1

Gross Roof Area (sf): 39944.6 Avg. Roof R-Value: (at new cons.) 28.8

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

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

HVAC System Type: L - other Other: packaged, air-cooled RTUs

Classroom Lighting: E - other Other: LED troffers

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: Municipal sewer

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: Franklin Electric Plant Board

Voltage Serving Facility: 120/208V, 3phase

Number of Convenience Outlets:
Classrooms 10
Library/Media Center N/A
Business Ed N/A
Family & Consumer Science 10

Camera System: Existing for CTE, Conduit & Wiring for Addition

Lighting Intensity (fc.):
Std. Classrooms 50
Library/Media Ctr N/A
Science Lab N/A
Science Clrm N/A
Band/Music N/A
Business Ed N/A
Shops 50
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>X</u>	_____
Clock	<u>NIC</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>NIC</u>	_____	_____
Voice Amplification	<u>NIC</u>	_____	_____

FIXED EQUIPMENT:

Teacher Cabinet	<u>X</u>	Custodial Room Shelves	<u>X</u>
Student Lockers	<u>X</u>	Science Laboratories	<u>NA</u>
Folding Bleachers	<u>NA</u>	Family & Consumer Sci	<u>NA</u>
Library Furnishings	<u>NA</u>	Other	_____
Dry Food Shelves	<u>NA</u>	Other	_____

INTERIOR FINISH SCHEDULE:

AREA	FLOOR	WAINSCOT	WALLS	CEILING
General Office	SVT	NA	Paint	Acoustical Panel Ceiling
Corridors	SVT	NA	Paint	Acoustical Panel Ceiling
Custodial	Sealed Concrete	FRP at Mop Sink	Paint	Painted Gypsum Board
Kitchen	NA			
Cafeteria	NA			
Gym	NA			
Showers/Locker	NA			
Toilets	Ceramic Tile	NA	Ceramic Tile	Painted Gypsum Board
Library/Media Cntr	NA			
Classrooms	SVT	NA	Paint	Acoustical Panel Ceiling
Music	NA			
Art	NA			
Science	NA			
FMD	NA			
OTHER AREAS				

Miscellaneous Project Specific Features: _____

Kentucky Registered Architect: Greg Harp Date: 07/10/2024
Signature

Kentucky Registered Engineer: Jwan White Date: 7/2/24
Signature

Board Designee or Superintendent: _____ Date: _____
Signature