

District Name: Marion County District Code: 375 Facility Name: New Calvary Elementary School School Code: 020

Project Name: New Calvary Elementary School (Replacement facility)

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

New Building ☐ ☐ 46,223

Addition ☐ ☐ _____

Renovation ☐ ☐ _____

Provisions for Future Expansion: Ability to expand to 400 students on the plan west side.

Proposed Alternates:

(1) Classroom Addition	(5) Classroom Alternate Furnishings
(2) Owner-Preferred Door Hardware	(6) Flooring (LVT) in lieu of VCT
(3) Owner-Preferred HVAC Controls	(7) Extended Bus Canopy
(4) Base-Bid Furnishings for Media Center an	(8) Owner-Preferred Access Controls

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

New Building will be constructed and occupied followed by abatement and demolition of the existing building.

BUILDING CONSTRUCTION CHARACTERISTICS:

Description of Building Structure:

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

Exterior Walls: B at all locations including the storm shelter. High wall locations will be metal panel in lieu of masonry veneer.

Roof Structure: D over the high roof areas. Low slope roofs are lightweight insulating concrete with PVC roof membrane over level structure.

ENERGY EFFICIENT DESIGN (KRS 157.450 and KRS 157.455):

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

26.5 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: Trane Trace, CMTA database

If not yes to one or more of the above, explain why. Geothermal water source heat pump system has been evaluated as the most efficient system and has been accepted by the Owner.

☐ ☒ 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): 25,768 Avg. Exterior Wall R-Value: 19

Gross Window / Door Area (sf): 2,050 Avg. Window/Door R-Value: 3

Gross Roof Area (sf): 47,692 Avg. Roof R-Value: 30

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

Roofing Type: F - other, describe Other: PVC over ltwtght. insul. conc.

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

Classroom Lighting: E - other Other: LED

Active Daylighting: D - manual bi-level lighting with no fixture dimming 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: Septic system with lateral lines

HEATING, VENTILATION AND AIR CONDITIONING:

Heating Only: _____ Heating & Mechanical: _____ HVAC: YES A/C Only: _____
Ventilation Only

Fuel Source/Backup (if applicable): Geothermal/E

ELECTRICAL:

Source of Electric Power: Kentucky Utilities

Voltage Serving Facility: 208V/3Ph

Number of Convenience Outlets:

Classrooms min of 6

Library/Media Center 16

Business Ed _____

Family & Consumer Science _____

Camera System: owner provided

Lighting Intensity (fc.):

Std. Classrooms 50

Library/Media Ctr 75

Science Lab 50

Science Clrm 50

Band/Music 50

Business Ed 50

Shops 50

Corridors 20

Stairways 20

Cafeteria 50

Pre-School Clrm 75

Art Classroom 100

Gymnasium 50

SPECIAL EQUIPMENT:

System	Conduit Only	Conduit & Wiring	Complete with Equipment
Bell	_____	_____	_____
Clock	_____	_____	<u>x</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	_____	_____	_____
Voice Amplification	_____	_____	_____

FIXED EQUIPMENT:

Teacher Cabinet Yes

Student Lockers NA

Folding Bleachers Yes

Library Furnishings Yes

Dry Food Shelves Yes

Custodial Room Shelves _____

Science Laboratories _____

Family & Consumer Sci _____

Other _____

Other _____

INTERIOR FINISH SCHEDULE:

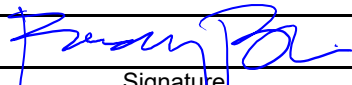
AREA	FLOOR	WAINSCOT	WALLS	CEILING
General Office	Carpet Tile	N/A	Paint	Acoustical Ceiling Tile
Corridors	VCT	N/A	Paint	Acoustical Ceiling Tile
Custodial	Sealed Concrete	N/A	Paint & FRP	Exposed Ceiling
Kitchen	Quarry Tile	N/A	Paint	Wipeable Ceiling Tile
Cafeteria	VCT	N/A	Paint	Acoustical Ceiling Tile
Gym	Resilient Athletic	N/A	Paint	Paint Exposed
Showers/Locker	N/A	N/A	N/A	N/A
Toilets	Flake Epoxy	N/A	Ceramic Tile & Paint	Painted Gypsum
Library/Media Cntr	Carpet Tile	N/A	Paint	Acoustical Ceiling Tile
Classrooms	VCT	N/A	Paint	Acoustical Ceiling Tile
Music	Rubber Tile	N/A	Paint	Acoustical Ceiling Tile
Art	Sealed Concrete	N/A	Paint	Acoustical Ceiling Tile
Science	N/A	N/A	N/A	N/A
FMD	VCT	N/A	Paint	Acoustical Ceiling Tile

OTHER AREAS

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

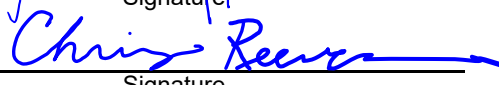
Miscellaneous Project Specific Features: _____

Kentucky Registered Architect:


Signature

Date: 2/1/2023

Kentucky Registered Engineer:


Signature

Date: 2/1/2023

Board Designee or Superintendent:

Signature

Date: _____