

District Name: Boone County District Code: 035 Facility Name: Boone County Early Childhood Center School Code: TBD
Project Name: Renovations REH Project #129-725 Date: 3/12/26

PROJECT TYPE: Yes No Gross Building Area (sf.)
New Building
Addition
Renovation Main - 70,061; Annex - 11,320

Provisions for Future Expansion: None

Proposed Alternates: (1) None
(2) _____
(3) _____

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

BUILDING CONSTRUCTION CHARACTERISTICS:

Description of Building Structure:

Foundation: Concrete and masonry
Exterior Walls: Painted concrete block and brick veneer
Roof Structure: EPDM with rigid insulation over metal deck and steel joists/columns

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. _____

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): Main - 22,198; Annex - 5,200 Avg. Exterior Wall R-Value: 15

Gross Window / Door Area (sf): Main - 1,600; Annex - 1,010 Avg. Window/Door R-Value: 4

Gross Roof Area (sf): 81,381 Avg. Roof R-Value: 28

Exterior Wall Type: E - other, describe Other: Painted concrete block and face brick

Roofing Type: B - EPDM over rigid insulation Other: _____

HVAC System Type: L - other Other: WSHP

Classroom Lighting: E - other Other: _____

Active Daylighting: B - occupancy light control sensors Other: _____

Passive Daylighting: F - other Other: _____

On Site Energy Generation: F - other Other: N/A

Project: Boone County Early Childhood Center - Renovations REH #129-725 Date: 3/12/26

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: xx A/C Only: _____
 Ventilation Only

Fuel Source/Backup (if applicable): Natural Gas

ELECTRICAL:

Source of Electric Power: _____	<u>utility</u>	Lighting Intensity (fc.):	
Voltage Serving Facility: _____	<u>120/208</u>	Std. Classrooms	<u>50</u>
Number of Convenience Outlets:		Library/Media Ctr	<u>50</u>
Classrooms	<u>6+</u>	Science Lab	<u>N/A</u>
Library/Media Center	<u>6+</u>	Science Clrm	<u>N/A</u>
Business Ed	<u>N/A</u>	Band/Music	<u>N/A</u>
Family & Consumer Science	<u>N/A</u>	Business Ed	<u>N/A</u>
Camera System: _____	<u>VOIP</u>	Shops	<u>N/A</u>
		Corridors	<u>30</u>
		Stairways	<u>30</u>
		Cafeteria	<u>50</u>
		Pre-School Clrm	<u>75</u>
		Art Classroom	<u>N/A</u>
		Gymnasium	<u>N/A</u>

SPECIAL EQUIPMENT:

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

FIXED EQUIPMENT:

Teacher Cabinet	<u>xx</u>	Custodial Room Shelves	<u>xx</u>
Student Lockers	<u>xx (cubbies)</u>	Science Laboratories	-
Folding Bleachers	-	Family & Consumer Sci	-
Library Furnishings	<u>xx</u>	Other	-
Dry Food Shelves	<u>xx</u>	Other	-

OUTLINE SPECIFICATIONS ENERGY DESIGN CRITERIA

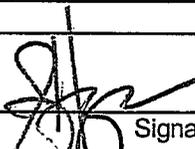
Project: Boone County Early Childhood Center - Renovations REH #129-725 Date: 3/12/26

INTERIOR FINISH SCHEDULE:

AREA	FLOOR	WAINSCOT	WALLS	CEILING
General Office	carpet		drywall	acoustic
Corridors	rubber		drywall	acoustic
Custodial	concrete		drywall	exposed
Kitchen	tile		FRP	acoustic
Cafeteria	rubber		drywall	exposed
Gym				
Showers/Locker				
Toilets	tile		drywall/FRP	drywall
Library/Media Cntr	carpet		drywall	acoustic
Classrooms	rubber		drywall	acoustic
Music				
Art				
Science				
FMD				
OTHER AREAS				
Auditorium				
Stage				

Miscellaneous Project Specific Features: _____

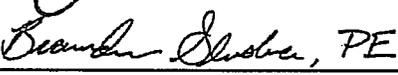
Kentucky Registered Architect:



Signature
Robert Emmet Hayes & Associates, PLLC

Date: 2/19/2026

Kentucky Registered Engineer:



Signature
Shroul Tate Wilson

Date: 2/19/2026

Board Designee or Superintendent:

Signature
Boone County Board of Education

Date: _____

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

For Reference

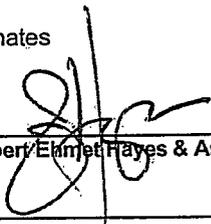
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Project Phase: Design Development: Construction Documents:

1. Site Development	\$	<u>1,900,000</u>	
2. General Construction	\$	<u>18,592,000</u>	
3. Heating, Ventilation & Air-Conditioning	\$	<u>4,810,000</u>	
4. Plumbing (Include Sprinkler System)	\$	<u>4,413,000</u>	
5. Electrical Work (Including CT)	\$	<u>5,210,000</u>	
6. Sewage Disposal System	\$	<u>75,000</u>	
7. Total Construction Cost (1-6)			<u>35,000,000</u>
8. Site Acquisition Cost (Purchase Price)	\$	<u>separate BG</u>	
9. Legal Services Special Consultants	\$	<u>75,000</u>	
10. Fiscal Agent Fee	\$	<u>168,515</u>	
11. Bond Discount	\$	<u>807,580</u>	
12. Architect/Engineer Fee	\$	<u>2,296,000</u>	
13. Construction/Manager Fee (if Applicable)	\$	<u></u>	
14. Equipment/Furnishings (Not Fixed)/Computers	\$	<u>1,100,000</u>	
15. Property & Topographic Survey	\$	<u>5,000</u>	
16. Geotechnical Survey & Report	\$	<u>5,000</u>	
17. Special Inspections	\$	<u>30,000</u>	
18. Asbestos Abatement Bank and Rating Fee	\$	<u>38,764</u>	
19. Commissioning Fee	\$	<u>70,000</u>	
20. Plan Review Fee	\$	<u>25,000</u>	
21. Printing & Distribution of Bid Docs	\$	<u>11,000</u>	
22. Contingencies - Minimum 5% of Line 7	\$	<u>1,750,000</u>	
23. Testing and Balancing	\$	<u>12,000</u>	
24. Total Other Cost (8-23)			<u>6,393,859</u>
25. TOTAL PROJECT COST (line 7 + line 24)			<u>\$41,393,859</u>

- a. Gross Square Foot Area* _____
- b. Total Cost Per Square Foot _____
- c. Total Cost Per Pupil _____
- d. Gross Sq. Ft. Area of Alternates _____
- * Base Bid Area Only

Kentucky Registered Architect/Engineer:  Date: 2/19/26

Robert Emmet Hayes & Associates, PLLC

Board of Education Designee: _____ Date: _____

Boone County Schools Early Childhood Center Renovations

8825 US 42 Union, KY 41042
Boone County Schools Board of Education
Dr. Jeff Hauswald, Superintendent

REH&A
ARCHITECTS
REGISTERED ARCHITECTS & ASSOCIATES, INC.
445 EAST HIGHLAND AVENUE, SUITE 100
UNION, KY 41042



Vicinity Map

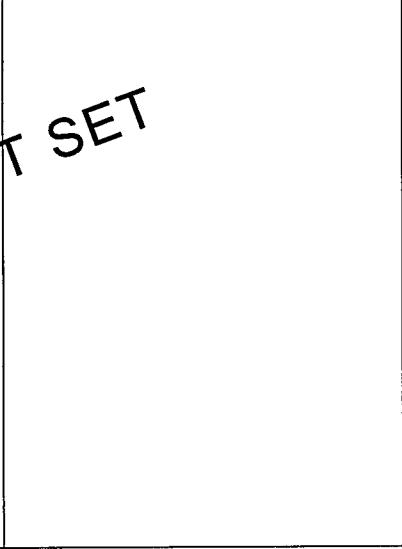
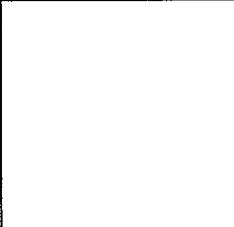
General Notes

Sheet Index

Code Notes



Legend / Symbols



DESIGN DEVELOPMENT SET

Boone County Schools - Early Childhood Center Renovations

8825 US 42 Union, KY 41042
Boone County Board of Education
Dr. Jeff Hauswald - Superintendent

SHEET TITLE
TITLE SHEET

SHEET NO.
26-051
REV#
129-725
DATE
2/19/2026

0-TS