

ROBERT EHMET HAYES & ASSOCIATES, PLLC

465 Centre View Boulevard, Building 18, Crestview Hills, Kentucky 41017
859-331-3121

July 11, 2024

VIA EMAIL


To: Ms. Misty Middleton, Superintendent
Bellevue Independent Board of Education

Re: Bellevue High School- Stadium and Ben Flora Renovations
REH #372-822 / BG #24-224

- Enclosures:
1. Two copies of the BG-2, dated July 10, 2024 for completed Design Development documents.
 2. Two copies of the BG-3, dated July 10, 2024, for completed Design Development documents.

Action

- Required:
1. Execute both the BG-2 and BG-3.
 2. Retain one copy of the BG-2 and BG-3 and forward one copy of each to our office for subsequent upload to KDE.



Ehmet Hayes

EH:hkw

District Name: Bellevue Independent District Code: 032 Facility Name: Bellevue High School School Code: 020
 Date: _____ REH: _____
 Project Name: Bellevue High School - Stadium and Ben Flora Renovations

PROJECT TYPE: Yes No Gross Building Area (sf.)
 New Building 1316
 Addition _____
 Renovation 3860
 Provisions for Future Expansion: N/A

Proposed Alternates: (1) Storage Building Renovat
 (2) Bleacher Replacement in
 (3) Rubber Track Surface

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

BUILDING CONSTRUCTION CHARACTERISTICS:

Description of Building Structure:

Foundation: Poured in place concrete

Exterior Walls: Brick and CMU cavity wall with insulation

Roof Structure: Steel joists and deck

ENERGY EFFICIENT DESIGN (KRS 157.450 and KRS 157.455):

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

80 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. Project is a renovation with old systems that will not meet these requirements

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): 2270 Avg. Exterior Wall R-Value: 16.53

Gross Window / Door Area (sf): 200 Avg. Window/Door R-Value: 2.85

Gross Roof Area (sf): 1316 Avg. Roof R-Value: 28

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

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

HVAC System Type: _____ Other: L

Classroom Lighting: _____ Other: N/A

Active Daylighting: _____ Other: N/A

Passive Daylighting: _____ Other: N/A

On Site Energy Generation: _____ Other: N/A

Project: _____ Date: _____

REH: _____

Air Purification Systems : YES NO

Gray Water System : YES NO

Low Water Use Fixtures : YES NO

Other: _____

PLUMBING:

Type of Sewage Disposal: Public

HEATING, VENTILATION AND AIR CONDITIONING:

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

Fuel Source/Backup (if applicable): N/A

ELECTRICAL:

Source of Electric Power: Utility

Voltage Serving Facility: 208V 3 Phase

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

Camera System: N/A

Lighting Intensity (fc.):
Std. Classrooms N/A
Library/Media Ctr N/A
Science Lab N/A
Science Clrm N/A
Band/Music N/A
Business Ed N/A
Shops N/A
Corridors N/A
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>N/A</u>	_____	_____
Clock	<u>N/A</u>	_____	_____
Fire Alarm	<u>N/A</u>	_____	_____
Intercom	<u>N/A</u>	_____	_____
Telephone	<u>N/A</u>	_____	_____
Television	<u>N/A</u>	_____	_____
Computer	<u>N/A</u>	_____	_____
Wireless Network	<u>N/A</u>	_____	_____
Interactive White bd	<u>N/A</u>	_____	_____
Voice Amplification	<u>N/A</u>	_____	_____

FIXED EQUIPMENT:

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

Project:

REH Project

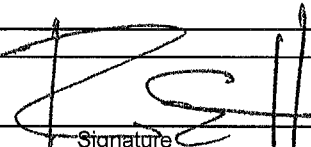
Date:

INTERIOR FINISH SCHEDULE:

AREA	FLOOR	WAINSCOT	WALLS	CEILING
General Office	_____	_____	_____	_____
Corridors	_____	_____	_____	_____
Custodial	_____	_____	_____	_____
Kitchen	_____	_____	_____	_____
Cafeteria	_____	_____	_____	_____
Gym	_____	_____	_____	_____
Showers/Locker	_____	_____	_____	_____
Toilets	Tile or Concrete	_____	CMU	Acoustic
Library/Media Cntr	_____	_____	_____	_____
Classrooms	_____	_____	_____	_____
Music	_____	_____	_____	_____
Art	_____	_____	_____	_____
Science	_____	_____	_____	_____
FMD	_____	_____	_____	_____
OTHER AREAS	All- Tile or Concrete	_____	_____	_____
	_____	_____	_____	_____
	_____	_____	_____	_____

Miscellaneous Project Specific Features: _____

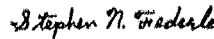
Kentucky Registered Architect:



 Signature
 Robert Ehmet Hayes & Associates, PLLC

Date: 7-10-24

Kentucky Registered Engineer:



 Signature
 KLH Engineers, Inc.

Date: 7/3/24

Board Designee or Superintendent:

 Signature

Date:

