

BG-2

District Name: Hardin County District Code: 231 Facility Name: North Hardin High School School Code: 075

Project Name: North Hardin High School Athletic Complex

**PROJECT TYPE:** Yes No Gross Building Area (sf.)  
 New Building ☒ ☐ 3310  
 Addition ☐ ☐ \_\_\_\_\_  
 Renovation ☐ ☐ \_\_\_\_\_

Provisions for Future Expansion: \_\_\_\_\_

Proposed Alternates: (1) \_\_\_\_\_  
 (2) \_\_\_\_\_  
 (3) \_\_\_\_\_

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

# **BUILDING CONSTRUCTION CHARACTERISTICS:**

Description of Building Structure:

Foundation: Shallow spread footings, reinforced slab on grade (at grandstands/pressbox)

Exterior Walls: Load-bearing CMU w/ Brick Veneer

Roof Structure: Wood Trusses

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

N/A Energy Consumption "Existing" (kBtu/sf/yr)

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. Heating and ventilation only as the proposed buildings are used seasonally

☐ ☒ 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): 2606 - Conc/RR Bldg; 372 Tkt Bth Avg. Exterior Wall R-Value: 11.21

Gross Window / Door Area (sf): 190 - Conc/RR Bldg; 45 Tkt Bth Avg. Window/Door R-Value: 3.8

Gross Roof Area (sf): 2703 - Conc/RR Bldg; 104 Tkt Bth Avg. Roof R-Value: 19

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

Roofing Type: F - other, describe Other: Asphalt Shingles over roofing fe

HVAC System Type: \_\_\_\_\_ Other: \_\_\_\_\_

Classroom Lighting: \_\_\_\_\_ Other: \_\_\_\_\_

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

**HEATING, VENTILATION AND AIR CONDITIONING:**

Heating Only: \_\_\_\_\_ Heating & Mechanical: X HVAC: \_\_\_\_\_ A/C Only: \_\_\_\_\_  
Ventilation Only

Fuel Source/Backup (if applicable): Electric

**ELECTRICAL:**

Source of Electric Power: KU

Voltage Serving Facility: 120/208

Number of Convenience Outlets: 15

Classrooms \_\_\_\_\_

Library/Media Center \_\_\_\_\_

Business Ed \_\_\_\_\_

Family & Consumer Science \_\_\_\_\_

Camera System: \_\_\_\_\_

Lighting Intensity (fc.):

Std. Classrooms \_\_\_\_\_

Library/Media Ctr \_\_\_\_\_

Science Lab \_\_\_\_\_

Science Clrm \_\_\_\_\_

Band/Music \_\_\_\_\_

Business Ed \_\_\_\_\_

Shops \_\_\_\_\_

Corridors \_\_\_\_\_

Stairways \_\_\_\_\_

Cafeteria \_\_\_\_\_

Pre-School Clrm \_\_\_\_\_

Art Classroom \_\_\_\_\_

Gymnasium \_\_\_\_\_

**SPECIAL EQUIPMENT:**

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

**FIXED EQUIPMENT:**

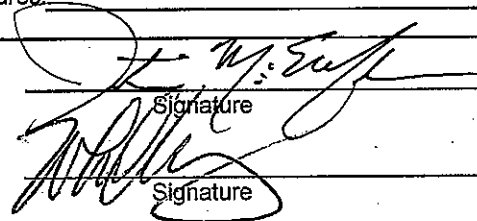
Teacher Cabinet	_____	Custodial Room Shelves	_____
Student Lockers	_____	Science Laboratories	_____
Folding Bleachers	_____	Family & Consumer Sci	_____
Library Furnishings	_____	Other	_____
Dry Food Shelves	_____	Other	_____

INTERIOR FINISH SCHEDULE:

AREA	FLOOR	WAINSCOT	WALLS	CEILING
General Office				
Corridors				
Custodial				
Kitchen				
Cafeteria				
Gym				
Showers/Locker				
Toilets				
Library/Media Cntr				
Classrooms				
Music				
Art				
Science				
FMD				
OTHER AREAS				
	Sealed Conc.	N/A	CMU/Paint	Gyp/Paint

Miscellaneous Project Specific Features:

Kentucky Registered Architect:

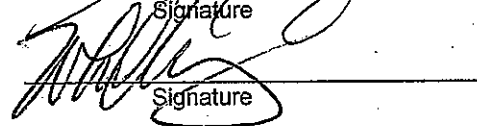


Signature

Date:

3/19/14

Kentucky Registered Engineer:



Signature

Date:

3/19/14

Board Designee or Superintendent:



Signature

Date: