

District Name: Nelson County District Code: 451 Facility Name: Thomas Nelson High School School Code: _____

Project Name: Thomas Nelson High School Ph3, Auditorium

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

New Building ☐ ☐ _____

Addition ☒ ☐ 8,536

Renovation ☒ ☐ 230

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

Exterior Walls: ICF

Roof Structure: Bar joist

ENERGY EFFICIENT DESIGN (KRS 157.450 and KRS 157.455):

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

21.9 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): 7,591 Avg. Exterior Wall R-Value: R-24

Gross Window / Door Area (sf): 228 Avg. Window/Door R-Value: R-4

Gross Roof Area (sf): 8,614 Avg. Roof R-Value: R-31

Exterior Wall Type: D - face brick, ICF poured concrete, interior finish system Other: _____

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

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

Classroom Lighting: E - other Other: LED

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 - City of Bardstown**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: Existing Utility ServiceVoltage Serving Facility: 277/480V/3PH/4W

Number of Convenience Outlets:

Classrooms n/aLibrary/Media Center n/aBusiness Ed n/aFamily & Consumer Science n/aCamera System: None

Lighting Intensity (fc.):

Std. Classrooms n/aLibrary/Media Ctr n/aScience Lab n/aScience Clrm n/aBand/Music n/aBusiness Ed n/aShops n/aCorridors 20Stairways 20Cafeteria n/aPre-School Clrm n/aArt Classroom n/aGymnasium n/a**SPECIAL EQUIPMENT:**

System	Conduit Only	Conduit & Wiring	Complete with Equipment
Bell	_____	_____	Yes _____
Clock	_____	_____	Yes _____
Fire Alarm	_____	_____	Yes _____
Intercom	_____	_____	Yes _____
Telephone	_____	Yes _____	_____
Television	_____	Yes _____	_____
Computer	_____	Yes _____	_____
Wireless Network	_____	Yes _____	_____
Interactive White bd	_____	Yes _____	_____
Voice Amplification	<u>None (Will have overall Sound S</u>	_____	_____

FIXED EQUIPMENT:

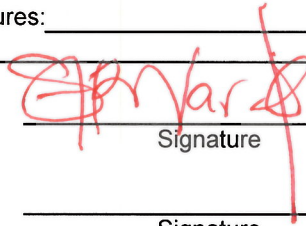
Teacher Cabinet	_____	Custodial Room Shelves	_____
Student Lockers	_____	Science Laboratories	_____
Folding Bleachers	_____	Family & Consumer Sci	_____
Library Furnishings	_____	Other	<u>Audience Seating</u>
Dry Food Shelves	_____	Other	_____

INTERIOR FINISH SCHEDULE:

AREA	FLOOR	WAINSCOT	WALLS	CEILING
General Office	x			
Corridors	VCT	Hi-Impact GWB/ptd	Hi-Impact GWB/ptd	ACT
Custodial	x			
Kitchen	x			
Cafeteria	x			
Gym	x			
Showers/Locker	x			
Toilets	CT	CT	Hi-Impact GWB/ptd	ACT
Library/Media Cntr	x			
Classrooms	x			
Music	x			
Art	x			
Science	x			
FMD	x			
OTHER AREAS				
Auditorium	Concrete/Carpet	Hi-Impact GWB/ptd CMU	Hi-Impact GWB/ptd CMU Acoustical Panels	Open/Acoustical Panels

Miscellaneous Project Specific Features: _____

Kentucky Registered Architect:


Signature

Date: 26 Aug 2015

Kentucky Registered Engineer:

Signature

Date: _____

Board Designee or Superintendent:

Signature

Date: _____