

District Name: Boone County District Code: 035 Facility Name: Ryle High School School Code: 071

Project Name: Bleacher Upgrades REH Project #129-924-M Date: 1/16/25

Project Phase: Design Development: ☒ Construction Documents: ☐

1. Site Development	\$	
2. General Construction	\$	888,320
3. Heating, Ventilation & Air Conditioning	\$	
4. Plumbing (Include Sprinkler System)	\$	
5. Electrical Work (Including CT)	\$	70,000
6. Sewage Disposal System	\$	
7. Total Construction Cost (1-6)		958,320
8. Site Acquisition Cost (Purchase Price)	\$	
9. Legal Services	\$	
10. Fiscal Agent Fee	\$	
11. Bond Discount	\$	
12. Architect/Engineer Fee	\$	83,853
13. Construction/Manager Fee (if Applicable)	\$	
14. Equipment/Furnishings (Not Fixed)/Computers	\$	
15. Property & Topographic Survey	\$	
16. Geotechnical Survey & Report	\$	
17. Special Inspections	\$	
18. Asbestos Abatement	\$	
19. Commissioning Fee	\$	
20. Plan Review Fee	\$	
21. Printing & Distribution of Bid Docs	\$	1,500
22. Contingencies - Minimum 5% of Line 7	\$	47,916
23. Testing and Balancing	\$	
24. Total Other Cost (8-23)		133,269
25. TOTAL PROJECT COST (line 7 + line 24)		\$1,091,589

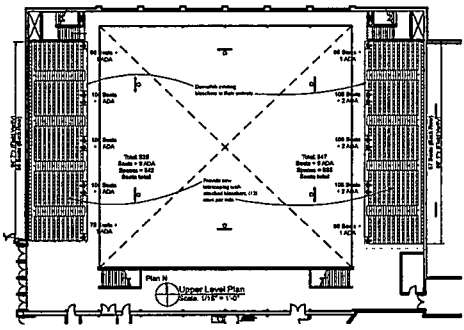
- a. Gross Square Foot Area*
b. Total Cost Per Square Foot
c. Total Cost Per Pupil
d. Gross Sq. Ft. Area of Alternates
* Base Bid Area Only

Kentucky Registered Architect/Engineer: Robert Ehmet Hayes & Associates, PLLC

Date: 12/11/24

Board of Education Designee: _____

Date: _____



General Notes:

1. Review all drawings and specifications for any existing building.
2. Review all drawings and specifications for any existing building.

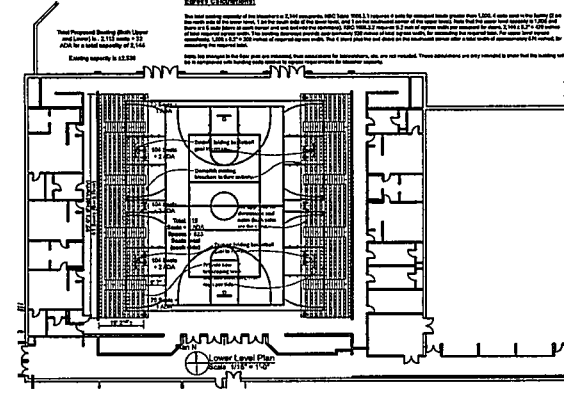
Access Egress Calculations:

1. Use total available width as required by IBC Section 103.1.1.1. Occupant load shall be 100 per 1,000 sq. ft. for spaces with a floor area of 10,000 sq. ft. or less. For spaces with a floor area greater than 10,000 sq. ft., the occupant load shall be determined by dividing the floor area by 100 and multiplying the result by 100.

Barriers Calculations:

The total available width of the barrier shall be determined by dividing the total available width by the number of barriers. The total available width shall be determined by dividing the total available width by the number of barriers. The total available width shall be determined by dividing the total available width by the number of barriers.

Notes: All drawings are for information only. All dimensions are in feet and inches. All dimensions are rounded to the nearest 1/4 inch. All dimensions are rounded to the nearest 1/4 inch.



REH&A
ARCHITECTS

10379 U.S. Hwy. 42
Union, Kentucky 40379

BOONE COUNTY BOARD OF EDUCATION
201 WEST MAIN STREET, SUITE 200
BOONE, KY 40309

Ryle High School - Bleacher Upgrades



ADDENDUM

SHEET TITLE
ARCHITECTURAL
PLANS &
DETAILS

25-183
REH#
129-024-M (NCO)
DATE
1/16/2025

[illegible]

DEMOLITION vs EXISTING LINE WEIGHTS	
DEMO	EXISTING
☒	☒
A	A

DEMOLITION

- [illegible]

SURFACE RACEWAY

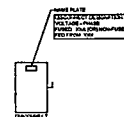
- A. ALL SURFACE PLACEMENTS SHALL BE VORTEXED TO THE 100 AND 300 SERIES OR APPROVED EQUAL LAKES 30 HOURS OF TIME.
- B. THE SERIES SHALL BE USED FOR RECEPTACLES, SWITCHES AND PUMP ALARMS DEVICES, THIS BEING SHALL BE INSTALLED FOR VOICE AND ON CALLING.
- C. ALL SURFACE PLACEMENT IS TO BE MOUNTED ON 6 INCHES WALLS ONLY, USE SUPPORTING GLIPS AND NOT SCREWS, THE WALLS OF THE FACTORY HAS TO BE THICK ENOUGH TO HOLD SUCH PLACEMENT WALLS IN LINE OF VIEWING SURFACE AREA.
- D. COORDINATE THE ROUTING OF ALL PLACEMENT WITH WALL MOUNTED PUMPS, E.G. THERMOCORE, MAGNETIC PUMP, INTRINSIC FIRE ALARMS, ETC.

CABLING

- A. ALL DISPOSED LOWYCTARE CARLING SHALL BE PLUMBY PATED

INTERRUPTIONS OF SERVICE

4. THE BUILDING DEPARTMENT AND SYSTEMS SHALL REPAIR OPENING(S) THROUGHOUT THE DURATION OF THE PROJECT, INTERUPTIONS TO ANY SERVICE OR SYSTEM ARE NECESSARY TO FACILITATE COMPLETING THE PROJECT, THE CONTRACTOR SHALL ADVISE THE DEPARTMENT OF THE DAMAGE(S) TO THE FACILITY, ADVANCE AND SCHEDULE FOR THE TIME THAT ARE CONVENIENT TO THE OWNER AND ALL OTHER AFFECTED PARTIES.
5. COORDINATE REPAIR ACCESSIBLE DURATION AND WORKING HOURS TO MINIMIZE THE TIME THE AFFECTED FACILITY IS DOWN, NO INTERRUPTIONS SHALL OCCUR PRIOR TO RECEIVING WRITTEN APPROVAL FROM THE OWNER AND ALL OTHER AFFECTED PARTIES.
6. FOR AFFECTED PARTIES, THE CONTRACTOR SHALL WORK CONTINUOUSLY TO RESTORE THE AFFECTED SERVICES AND PARTS.

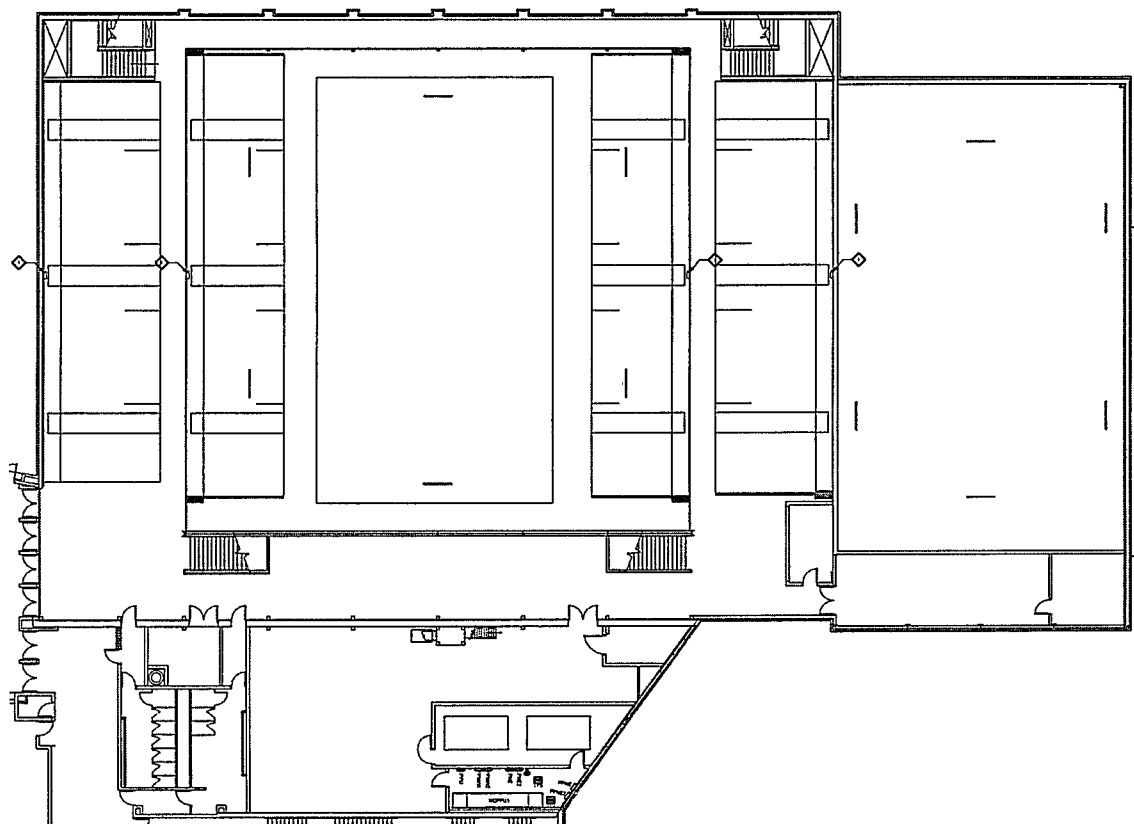


5. THIS DETAIL IS A REPRESENTATION OF THE LABELING REQUIREMENTS FOR ELECTRICAL EQUIPMENT. ALL ELECTRICAL EQUIPMENT, WHETHER IT IS EXPLICIT SHOWN OR NOT, SHALL BE LABELED IN A SIMILAR MANNER.

1. ALL LABELS SHALL BE ENGRAVED LIMITED ACRYLIC. THE EQUIPMENT IDENTIFICATION LABEL SHALL BE 1/2" WIDE BY 1/4" HIGH OR 3/4" WIDE BY 1/2" HIGH. THE RESIDUAL TEXT SHALL HAVE A MINIMUM HEIGHT OF 1/8".
2. LABELS FOR EQUIPMENT CONNECTED TO THE NORMAL POWER SYSTEM SHALL BE BLACK WITH WHITE TEXT. LABELS FOR EQUIPMENT CONNECTED TO THE EMERGENCY POWER SYSTEM SHALL BE RED WITH WHITE TEXT.
3. NAMEPLATES FOR EQUIPMENT LOCATED IN THE INTERIOR OF THE BUILDING SHALL BE PLASTIC OR METAL. EQUIPMENT IDENTIFICATION LABELS LOCATED AT EXTERIOR OF THE BUILDING SHALL BE ATTACHED WITH SCREWS AND THE LABEL SHALL HAVE PRE-PUNCH OR PRE-DRILLED HOLES.

ELECTRICAL EQUIPMENT IDENTIFICATION

NOT TO SCALE



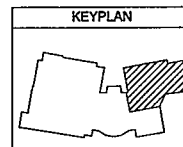
GYMNASIUM - ELECTRICAL DEMOLITION
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- A. REFER TO SHEET 8-1 FOR GENERAL NOTES.
- B. ALL FANS, SMOKE EXHAUST AND EXHAUST TO BE REMOVED. (PLEASE NOTED ON SHEET 8-1)

○ SHEET KEYNOTES:

1. REMOVE EXISTING SAFETY PARTIAL SERVICE ELECTRICAL.



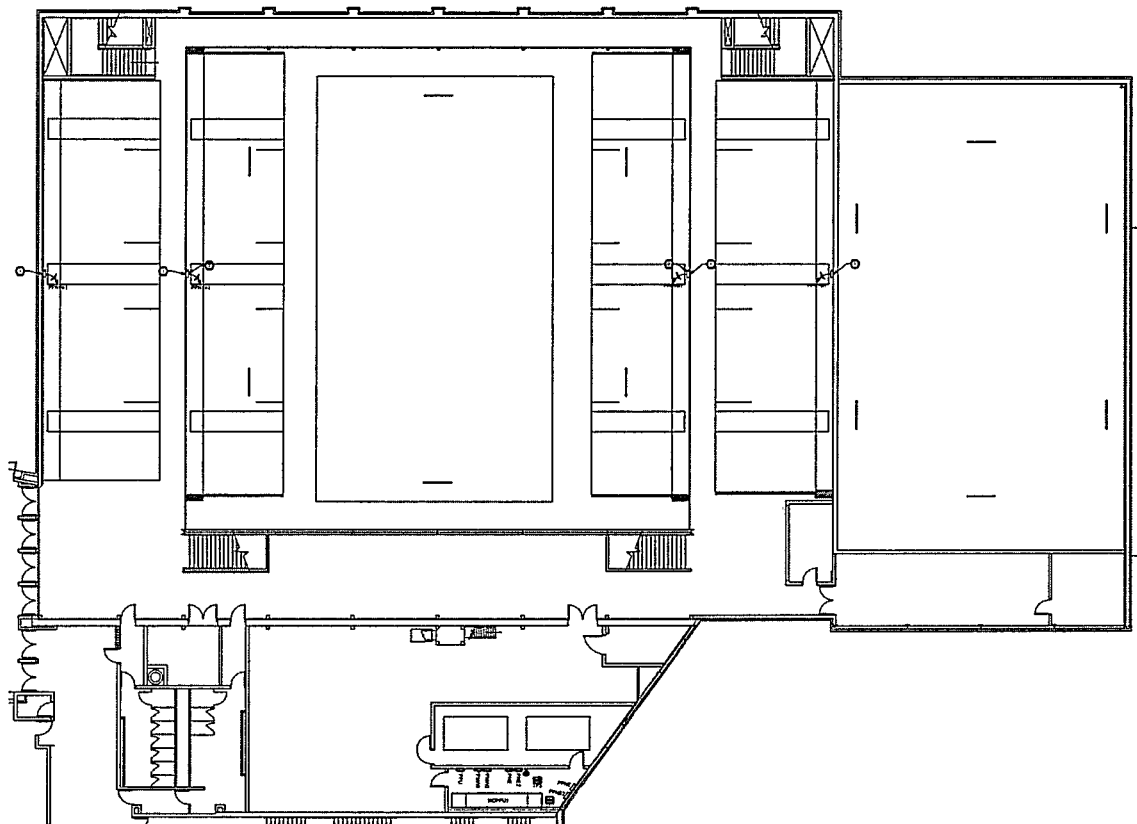
Ryle High School
Bleacher Upgrades
Boone Co. Board of Education
Matt Turner - Superintendent



SHEET TITLE
GYMNASIUM -
ELECTRICAL
DEMOLITION

BO #
25-183
REV #
12/20/24-M
DATE
12/12/2024

ED1.1



GYMNASIUM - ELECTRICAL

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- REFER TO SHEET 85.1 FOR GENERAL NOTES.
- COORDINATE ALL ELECTRICAL CONNECTIONS, LOCATIONS, AND TERMINALS TO ARCHITECT'S PLANS.
- ALL WIRING SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE ILLINOIS ELECTRICAL CODE (IEC).

SHEET KEYNOTES:

- PROVIDE A 100% GROUNDING POLE FOR THE GYMNASIUM. THE GROUNDING POLE SHALL BE LOCATED IN THE GYMNASIUM AND SHALL BE CONNECTED TO THE GROUNDING SYSTEM OF THE BUILDING.
- SAFETY SWITCH LOCATED ON LOWER LEVEL OF GYMNASIUM.

KEYPLAN	
SG#	25-183
NOTE	129-024-M
DATE	12/12/2024
E1.1	



Ryle High School
Bleacher Upgrades
Boone Co. Board of Education
Matt Turner - Superintendent



SHEET TITLE
GYMNASIUM -
ELECTRICAL



ROBERT EHMET HAYES & ASSOCIATES, PLLC
465 Centre View Boulevard, Building 18, Crestview Hills, Kentucky 41017
859-331-3121

December 11, 2024

VIA EMAIL and CITY DASH

To: Kim Best, Assistant Superintendent of Operations
Boone County Board of Education

Re: Boone County Schools
Ryle High School
Bleacher Upgrades
REH #129-924-M / BG #25-183

- Enclosures:
1. One copy of the Design Development Drawings, dated January 16, 2024.
 2. Two copies of associated BG-3 for Design Development, dated January 16, 2024.
- Action Required:
1. Obtain Board approval of the Design Development Drawings and BG-3.
 2. Execute the BG-3.
 3. Retain one copy for your file and return the second copy to our office. Upon receipt, we will upload to KDE for their approval along with the Design Development Drawings.
 4. Advise of any changes to be made.

Ehmet Hayes

EH:aes