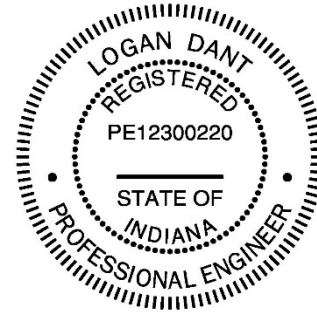




Primary Engineering, Inc.
2828 Lake Ave.
Fort Wayne, Indiana 46805
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Addendum: 1

Date: 08/14/2026

Project: Northwest Allen County Schools
Huntertown Elementary School Mechanical Upgrades

Comm #: 26842

The following items shall be incorporated into the specifications and drawings and are considered to be integral to the bid documents for the project. Acknowledgement of receipt of this addendum is required on the bid form.

Item #1: General Clarifications.

A. Question: *"Who holds the roof warranties?"*

Answer: Roof is a Johns Manville 60 mil EPDM, installed by Fort Wayne Roofing.

B. Question: *"Is there a preferred chemical treatment provider?"*

Answer: Joe Casey with Watcon, cell 574-340-8299

C. Question: *"Is test and balance direct to the owner?"*

Answer: No, this contractor shall be responsible for test and balance.

D. Question: *"Has any of the pipe insulation located in the mezzanine been tested for asbestos?"*

Answer: The owner will take care of any asbestos testing or removal. The owner will confirm if the areas in the mezzanine contain asbestos or not.

E. Question: *"Can the mechanical submittals be turned in within 48 hours instead of time of the bid?"*

Answer: Yes. At the time of the bid, the submittals for the rooftop unit and chiller are not required. A pre-qualification submittal will be reviewed with each manufacturer prior to the final addendum to get a final approved manufacturer list.

F. See attached meeting minutes and sign-in sheet from the pre-bid meeting.

G. Any Electrical work associated with chiller, utility transformer and boiler room equipment and lighting to be under separate contract and not included in scope.

Item #2: Specification Section 011000, "Summary".

- A. Added the project timeline to section 1.1.F. The project shall begin May 25, 2027 and be substantially complete by July 26, 2027 for the boiler plant and interior renovation areas. The project shall begin November 1, 2027 and be substantially complete by March 31, 2028 for the chiller plant.

Item #3: Specification Section 004171, "Contractor's Bid Supplement to Form 96".

- A. Added alternate numbers for the air-cooled chiller and packaged rooftop unit to included York. Refer to revised section in this addendum.

Item #4: Specification Section 012300, "Alternates".

- A. Added alternate numbers for the air-cooled chiller and packaged rooftop unit to included York. Refer to revised section in this addendum.

Item #5: Specification Section 232114, "Hydronic Specialties".

- A. Add Griswold Controls as an approved manufacturer for automatic flow control valves in section 2.7.A.

Item #6: Specification Section 233700, "Air Outlets and Inlets".

- A. Add Krueger as an approved manufacturer for all diffusers and grilles in section 2.1.
- B. Add Metalaire as an approved manufacturer for all diffusers and grilles in section 2.1.

Item #7: Specification Section 236423, "Scroll Water Chillers".

- A. Add York as an approved manufacturer for air-cooled chillers in section 2.1.B.

Item #8: Specification Section 237416, "Packaged Rooftop Air-Conditioning Units".

- A. Add Aeon as an approved manufacturer for packaged rooftop units in section 2.1.B.

Item #9: Specification Section 238200, "Convection Heating and Cooling Units".

- A. Add York as an approved manufacturer for fan coil units in section 2.2.A.

Item #10: Drawing Sheet E-101 "FIRST FLOOR DEMOLITION PLANS"

- A. Corridor lighting and ceiling device to be salvaged and reinstalled in new ceiling. Storage Area lighting needs to be removed and prepared for new lighting and controls. Storage ceiling devices to be salvaged and reinstalled in new ceiling. Refer to supplemental sheet for more information.

Item #11: Drawing Sheet E-201 "FIRST FLOOR POWER PLANS"

- A. Corridor and Storage ceiling devices to be salvaged and reinstalled in new ceiling. Refer to supplemental sheet for more information.

Item #12: Drawing Sheet E-301 "LIGHTING PLAN"

- A. Corridor lighting to be reinstalled in ceiling. New lighting and controls to be installed in Storage area. Refer to supplemental sheet for more information.

Item #13: Drawing Sheet E-501 "ELECTRICAL SCHEDULE SHEET"

- A. L6 fixture added to lighting fixture schedule. Note #8 added to equipment schedule. Refer to supplemental sheet for more information.

Item #14: Drawing sheet E601 "ELECTRICAL RISER DEMOLITION SHEET"

- A. Sheet added for further clarification and reference. Refer to supplemental sheet for more information.

Item #15: Drawing sheet E602 "ELECTRICAL RISER SHEET"

- A. Sheet added for further clarification and reference. Refer to supplemental sheet for more information.



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Pre-Bid Meeting Agenda

Date: August 13, 2026

Project Name: NACS Huntertown Elementary School Mechanical Upgrades

Project #: 26842

Agenda Items:

- Introductions of Owner Representative, Project Design Team, and Prime Contractors.
 - o Logan Dant, Primary Engineering, ldant@primary-eng.com, 260-657-0153
 - o Jeremy Ogle, Moake Park Group, jogle@moakepark.com
 - o Brandon Bitting, NACS – Assistant Superintendent, Brandon.Bitting@nacs.k12.in.us
 - o Scott Reynolds, NACS – Huntertown, Scott.Reynolds@nacs.k12.in.us
- Project Information
 - o Bids are due: August 26, 2026 at 1 pm. Turn in at 12913 Coldwater Rd Fort Wayne, IN 46845.
 - o Submit bid forms in duplicate.
 - o Submit mechanical submittals for the chiller and rooftop unit at time of bid.
 - o Include allowances in bid: \$30,000
 - o Alternate bid items:
 - 1A, 1B – Unit Ventilator Manufacturer
 - 2A, 2B, 2C, 2D – Chiller Manufacturer
 - 3A, 3B, 3C, 3D – Rooftop Unit Manufacturer
 - o Owner approval of the contract is scheduled September 14, 2026.
 - o Construction start date: May 25, 2027 for the boiler replacement and interior renovation. November 1, 2027 for the chiller replacement.
 - o Substantial completion of the project is: July 26, 2027 for the boiler replacement and interior renovation. March 31, 2028 for the chiller replacement.
- Project scope of work
 - o Boiler and chiller replacement.
 - o Front office RTU with new VAV boxes, ductwork, piping, lights, ceiling grid, etc.
 - o Library and (1) classroom renovation including vertical unit ventilator, casework, lighting, ductwork, ceiling grid, etc.
- Procedures for site visits
 - o Contact Scott Reynolds via email to schedule a time. School day begins 7:30a and ends at 3:00p.
- Addenda:
 - o Addendum #1 – Friday 8/14 around noon.
 - o Deadline for addendum items and additional manufacturers shall be Friday 8/21 by noon. Final Addendum will then be issued that afternoon.



Date: August 13, 2026

[illegible]

CONTRACTOR'S BID SUPPLEMENT TO FORM 96

This form is to be used as a supplement to Form 96 (2013) and shall be included with Contractor's Bid.

TO: Board of School Trustees

 Northwest Allen County Schools

 12913 Coldwater Road

 Fort Wayne, Indiana

FOR: Huntertown Elementary School Mechanical Upgrades

The following documents, in duplicate, either enclosed herein or obtained separately, shall be included with the Bidders proposal in order to qualify as a responsible bid. Duplicate copies are included in the Project manual.

- FORM NO. 96 as prescribed by Indiana State Board of Accounts
- CONTRACTOR'S BID SUPPLEMENT TO FORM 96
- BID BOND or CERTIFIED CHECK for 5% of the Contract
- E-VERIFY AND IRAN AFFIDAVIT

Pursuant to notices given, the undersigned proposes to furnish all materials and labor necessary to complete the following Work according to Drawings and Specifications and addendum (receipt of said Addendum being acknowledged) as prepared by Primary Engineering, Inc. Our bid(s) are as follows:

BASE BID: All work associated with the replacement of the boiler and chiller plants, library renovation, and front office replacement including ductwork, piping, power, lighting, ceiling grid, controls, etc. Major HVAC equipment manufacturers are listed under alternates.

Base Bid: _____ Dollars \$

(amount in words)

ALTERNATE #1A BID: Add cost to provide Unit Ventilators by Temspec. (This is a manufacturer selection only. All associated costs such as ductwork, piping, labor shall be included in the base bid scope of work.)

Alternate Bid: _____ Dollars \$

ALTERNATE #1B BID: Add cost to provide Unit Ventilators by ChangeAir. (This is a manufacturer selection only. All associated costs such as ductwork, piping, labor shall be included in the base bid scope of work.)

Alternate Bid: _____ Dollars \$

ALTERNATE #2A BID: Add cost to provide Air-Cooled Chiller by Trane. (This is a manufacturer selection only. All associated costs such as ductwork, piping, labor shall be included in the base bid scope of work.)

Alternate Bid: _____ Dollars \$

ALTERNATE #2B BID: Add cost to provide Air-Cooled Chiller by Carrier. (This is a manufacturer selection only. All associated costs such as ductwork, piping, labor shall be included in the base bid scope of work.)

Alternate Bid: _____ Dollars \$

ALTERNATE #2C BID: Add cost to provide Air-Cooled Chiller by Daikin. (This is a manufacturer selection only. All associated costs such as ductwork, piping, labor shall be included in the base bid scope of work.)

Alternate Bid: _____ Dollars \$

ALTERNATE #2D BID: Add cost to provide Air-Cooled Chiller by York. (This is a manufacturer selection only. All associated costs such as ductwork, piping, labor shall be included in the base bid scope of work.)

Alternate Bid: _____ Dollars \$

ALTERNATE #3A BID: Add cost to provide Packaged Rooftop Units by Valent. (This is a manufacturer selection only. All associated costs such as ductwork, piping, labor shall be included in the base bid scope of work.)

Alternate Bid: _____ Dollars \$

ALTERNATE #3B BID: Add cost to provide Packaged Rooftop Unit by Carrier. (This is a manufacturer selection only. All associated costs such as ductwork, piping, labor shall be included in the base bid scope of work.)

Alternate Bid: _____ Dollars \$

ALTERNATE #3C BID: Add cost to provide Packaged Rooftop Unit by Daikin. (This is a manufacturer selection only. All associated costs such as ductwork, piping, labor shall be included in the base bid scope of work.)

Alternate Bid: _____ Dollars \$

ALTERNATE #3D BID: Add cost to provide Packaged Rooftop Unit by Aeon. (This is a manufacturer selection only. All associated costs such as ductwork, piping, labor shall be included in the base bid scope of work.)

Alternate Bid: _____ Dollars \$

(amount in words)

PRINCIPAL SUBCONTRACTORS & MATERIAL SUPPLIERS (Use Base Bid as criteria for determinations)

SHEET METAL

HVAC INSULATION

GENERAL CONTRACTOR

TEMPERATURE CONTROLS

ELECTRICAL

ADDENDA RECEIVED:

Addenda No. _____ Dated: _____

Addenda No. _____ Dated: _____

END OF CONTRACTORS BID SUPPLEMENT TO FORM 96

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Section 01 1000 - Summary

PART 1 GENERAL

1.1 PROJECT INFORMATION

- A. Project Name: Huntertown Elementary School Mechanical Upgrades
- B. Project Location: 15330 Lima Road, Huntertown, IN 46748.
- C. Owner's Name: Northwest Allen County Schools.
- D. Owner's Representative: Brandon Bitting, Assistant Superintendent Operations and Security
- E. Engineer's Name: Primary Engineering, Inc..
- F. The Project consists of the replacement to the boiler and chiller plants located in the mechanical room. Also interior renovation to the library including new ceiling grid, new mechanical equipment, ductwork, piping, lighting fixtures, etc. A new packaged rooftop unit to serve the front office with new VAV boxes, ductwork, piping, light fixtures, ceiling grid, etc..
 - 1. The project shall begin May 25, 2027 and shall have a substantial completion date of July 26, 2027 for the following areas:
 - a. Boiler Plant.
 - b. Interior renovation including library and front office
 - 2. The project shall begin November 1, 2027 and shall have a substantial completion date of March 31, 2028 for the following areas:
 - a. Chiller Plant.

1.2 CONTRACT DESCRIPTION

- A. Contract Type: A single prime contract based on a Stipulated Price.

1.3 OWNER OCCUPANCY

- A. Owner intends to continue to occupy adjacent portions of the existing building during the entire construction period.
- B. Owner intends to occupy the Project upon Substantial Completion.
- C. Cooperate with Owner to minimize conflict and to facilitate Owner's operations.
- D. Schedule the Work to accommodate Owner occupancy.

1.4 CONTRACTOR USE OF SITE AND PREMISES

- A. Construction Operations: Limited to areas noted on Drawings.
 - 1. Locate and conduct construction activities in ways that will limit disturbance to site.

B. Provide access to and from site as required by law and by Owner:

1. Emergency Building Exits During Construction: Keep all exits required by code open during construction period; provide temporary exit signs if exit routes are temporarily altered.
2. Do not obstruct roadways, sidewalks, or other public ways without permit.
3. Note that if a crane is used to lift equipment to the roof, the contractor shall make all accommodations for location of the crane, any require permits required, and all crane lifts shall occur while the building is unoccupied.

C. Utility Outages and Shutdown:

1. Limit disruption of utility services to hours the building is unoccupied.
2. Do not disrupt or shut down life safety systems, including but not limited to fire sprinklers and fire alarm system, without 7 days notice to Owner and authorities having jurisdiction.
3. Prevent accidental disruption of utility services to other facilities.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION 01 1000

Section 01 2300 - Alternates

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Description of Alternates.
- B. Procedures for pricing Alternates.
- C. Documentation of changes to Contract Price and Contract Time.

1.2 RELATED REQUIREMENTS

- A. Document 00 2113 - Instructions to Bidders: Instructions for preparation of pricing for Alternates.
- B. Document 00 4323 - Alternates Form: List of Alternates as supplement to Bid Form.

1.3 ACCEPTANCE OF ALTERNATES

- A. Alternates quoted on Bid Forms will be reviewed and accepted or rejected at Owner's option. Accepted Alternates will be identified in the Owner-Contractor Agreement.
- B. Coordinate related work and modify surrounding work to integrate the Work of each Alternate.

1.4 SCHEDULE OF ALTERNATES

- A. Alternate No. 1A : Add cost to provide Unit Ventilators by Temspec. (This is a manufacturer selection only. All associated costs such as ductwork, piping, labor shall be included in the base bid scope of work.
- B. Alternate No. 1B : Add cost to provide Unit Ventilators by ChangeAir. (This is a manufacturer selection only. All associated costs such as ductwork, piping, labor shall be included in the base bid scope of work.)
- C. Alternate No. 2A : Add cost to provide Air-Cooled Chiller by Trane. (This is a manufacturer selection only. All associated costs such as ductwork, piping, labor shall be included in the base bid scope of work.)
- D. Alternate No. 2B : Add cost to provide Air-Cooled Chiller by Carrier. (This is a manufacturer selection only. All associated costs such as ductwork, piping, labor shall be included in the base bid scope of work.)
- E. Alternate No. 2C : Add cost to provide Air-Cooled Chiller by Daikin. (This is a manufacturer selection only. All associated costs such as ductwork, piping, labor shall be included in the base bid scope of work.)

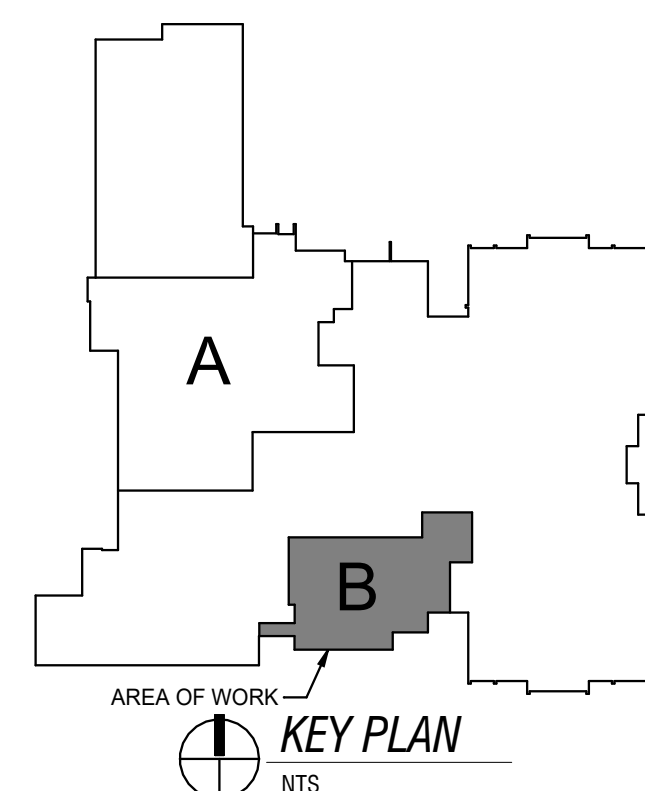
- F. Alternate No. 2D : Add cost to provide Air-Cooled Chiller by York. (This is a manufacturer selection only. All associated costs such as ductwork, piping, labor shall be included in the base bid scope of work.)
- G. Alternate No. 3A : Add cost to provide Packaged Rooftop Unit by Valent. (This is a manufacturer selection only. All associated costs such as ductwork, piping, labor shall be included in the base bid scope of work.)
- H. Alternate No. 3B : Add cost to provide Packaged Rooftop Unit by Carrier. (This is a manufacturer selection only. All associated costs such as ductwork, piping, labor shall be included in the base bid scope of work.)
- I. Alternate No. 3C : Add cost to provide Packaged Rooftop Unit by Daikin. (This is a manufacturer selection only. All associated costs such as ductwork, piping, labor shall be included in the base bid scope of work.)
- J. Alternate No. 3D : Add cost to provide Packaged Rooftop Unit by Aeon. (This is a manufacturer selection only. All associated costs such as ductwork, piping, labor shall be included in the base bid scope of work.)

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION 01 2300

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SCALE: 1/16" = 1'-0" SCALE: 3/32" = 1'-0" SCALE: 1/8" = 1'-0" SCALE: 1/4" = 1'-0" SCALE: 1/2" = 1'-0" SCALE: 3/4" = 1'-0" SCALE: 1" = 1'-0"



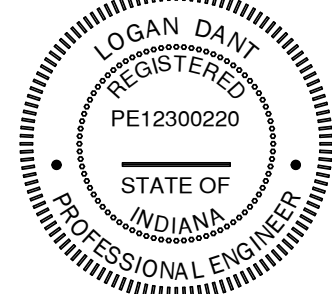
1. DISCONNECT AND REMOVE EQUIPMENT. ASSOCIATED CONDUIT, CONDUCTORS, AND CONTROLS TO BE REMOVED BACK TO SOURCE.
2. TURN OVER EXISTING VFD TO OWNER.
3. CONTRACTOR SHALL TEMPORARY SUPPORT EXISTING CEILING MOUNTED DEVICE(S) AND LIGHTING FROM STRUCTURE AS REQUIRED. REINSTALL ALL DEVICES AND LIGHTING IN NEW ACQUAUSTAL CEILING TYPICAL IN THIS AREA.
4. DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE(S). ASSOCIATED CONDUIT AND CONDUCTORS TO REMAIN. PREPARE EXISTING TO BE INTERCEPTED AND EXTENDED AS REQUIRED FOR CONNECTION TO NEW LIGHT FIXTURES. TYPICAL IN THIS AREA.
5. DISCONNECT AND REMOVE EXISTING LIGHT SWITCH(E). ASSOCIATED CONDUIT AND CONDUCTORS TO REMAIN. PREPARE EXISTING TO BE INTERCEPTED AND CONNECT TO NEW SWITCH AND LIGHT FIXTURE(S) SERVING AREA.



NORTHWEST ALLEN COUNTY SCHOOLS
HUNTERTOWN ELEMENTARY SCHOOL
MECHANICAL UPGRADES

15330 Lima Rd, Huntertown, IN 46748

CERTIFICATION:



James Rusk

No.	Date	Description
1	08/14/26	ADDENDUM #1

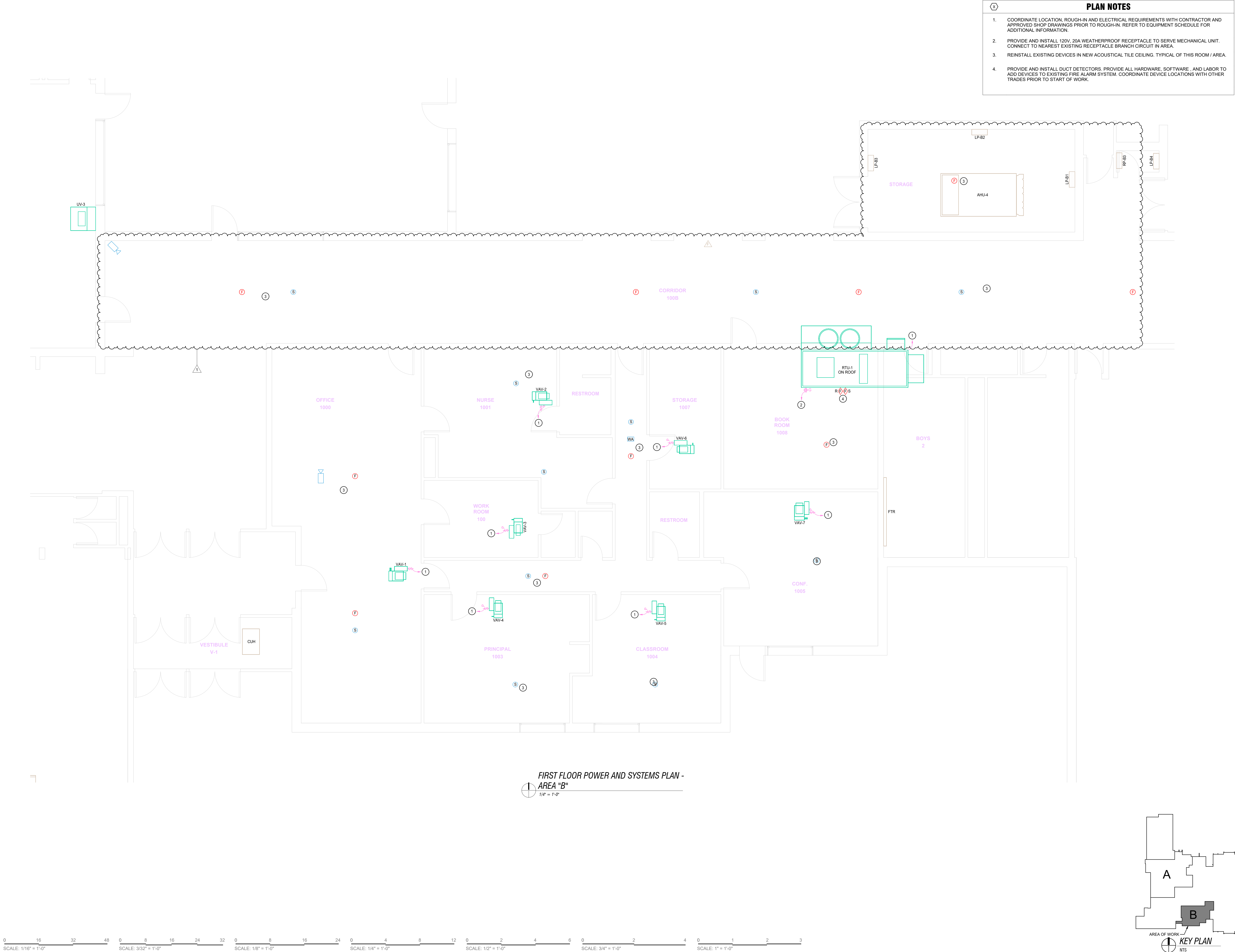
DATE: 8-5-2026
COMM: 26842

TITLE:

FIRST FLOOR ELECTRICAL DEMOLITION PLANS

SHEET:

E101



- PLAN NOTES**
- COORDINATE LOCATION, ROUGH-IN AND ELECTRICAL REQUIREMENTS WITH CONTRACTOR AND APPROVED SHOP DRAWINGS PRIOR TO ROUGH-IN. REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
 - PROVIDE AND INSTALL 120V, 20A WEATHERPROOF RECEPTACLE TO SERVE MECHANICAL UNIT. CONNECT TO NEAREST EXISTING RECEPTACLE BRANCH CIRCUIT IN AREA.
 - REINSTALL EXISTING DEVICES IN NEW ACOUSTICAL TILE CEILING. TYPICAL OF THIS ROOM / AREA.
 - PROVIDE AND INSTALL DUCT DETECTORS. PROVIDE ALL HARDWARE, SOFTWARE, AND LABOR TO ADD DEVICES TO EXISTING FIRE ALARM SYSTEM. COORDINATE DEVICE LOCATIONS WITH OTHER TRADES PRIOR TO START OF WORK.

**NORTHWEST ALLEN COUNTY SCHOOLS
HUNTERTOWN ELEMENTARY SCHOOL
MECHANICAL UPGRADES**

15330 Lima Rd, Huntertown, IN 46748



CERTIFICATION:

No.	Date	Description
1	08/14/26	ADDENDUM #1

DATE: 8-5-2026
COMM: 26842

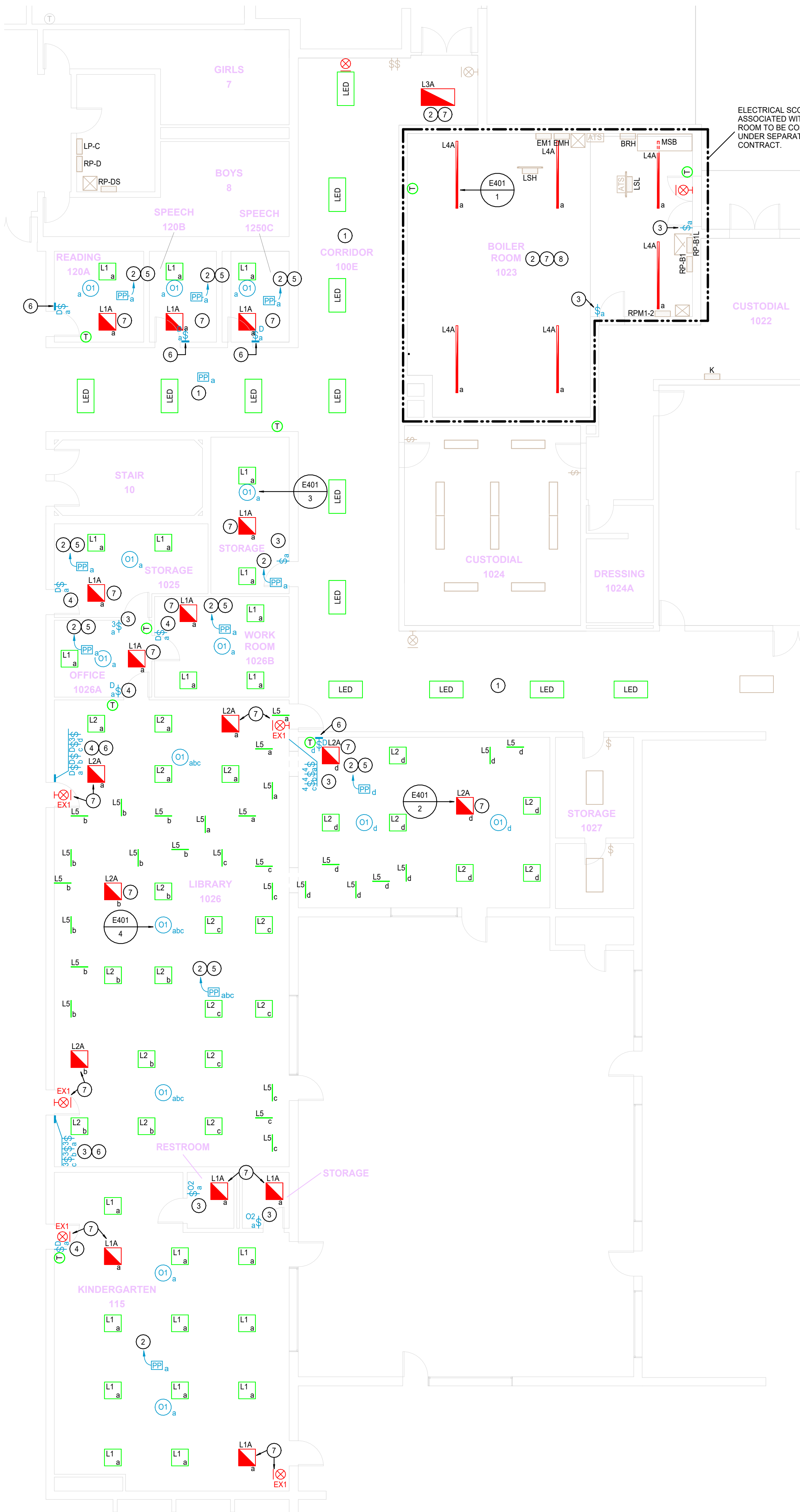
TITLE:
**FIRST FLOOR
POWER PLANS**

SHEET:
E201

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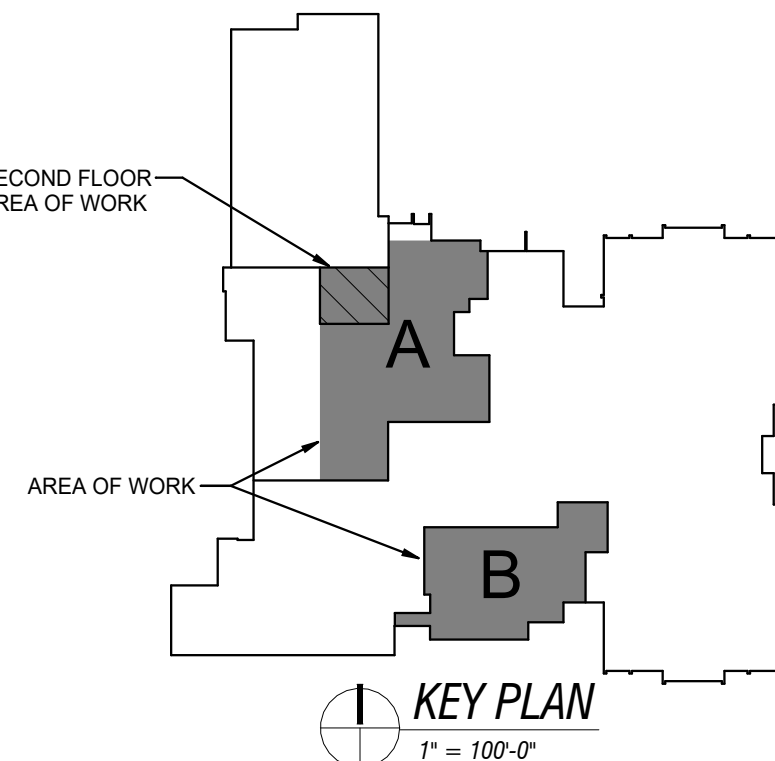


1 FIRST FLOOR LIGHTING PLAN - AREA "A"
1/8" = 1'-0"

ELECTRICAL SCOPE ASSOCIATED WITH BOILER ROOM TO BE COMPLETED UNDER SEPARATE CONTRACT.



2 FIRST FLOOR LIGHTING PLAN - AREA "B"
1/8" = 1'-0"



PLAN NOTES	
1.	INSTALL EXISTING FIXTURE IN NEW ACOUSTICAL CEILING GRID. EXTEND AND CONNECT EXISTING BRANCH CIRCUITRY AND CONTROLS AS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR AS REQUIRED.
2.	PROVIDE AND INSTALL NEW LIGHT FIXTURES IN NEW ACOUSTICAL CEILING GRID. INTERCEPT, EXTEND AND CONNECT EXISTING LIGHTING CIRCUITRY, AS REQUIRED, TO CONNECT TO NEW LIGHTING AND CONTROLS.
3.	PROVIDE AND INSTALL NEW SWITCH IN EXISTING BOX. EXTEND EXISTING BRANCH CIRCUIT, AS REQUIRED, TO CONNECT TO NEW SWITCH. PROVIDE AND INSTALL NEUTRAL CONDUCTOR, AS REQUIRED, TO ALLOW FOR INSTALLATION OF NEW SWITCH.
4.	PROVIDE AND INSTALL NEW 0-10V DIMMER SWITCH IN EXISTING DEVICE BOX. EXTEND EXISTING BRANCH CIRCUIT, AS REQUIRED, TO CONNECT TO NEW DIMMER. PROVIDE AND INSTALL NEUTRAL CONDUCTOR, AS REQUIRED, TO ALLOW FOR INSTALLATION OF NEW DIMMER.
5.	PROVIDE AND INSTALL 0-10V DIMMING CONTROL CABLING WITH EXISTING BRANCH CIRCUIT FROM DIMMER SWITCH TO LIGHT FIXTURES IN THIS ROOM. TYPICAL OF ROOM WITH 0-10V DIMMING.
6.	PROVIDE AND INSTALL NEW SURFACE MOUNT SWITCHES) USING LEGRAND WIREMOLD SERIES 700. PROVIDE ALL NECESSARY MATERIALS FOR COMPLETE INSTALL.
7.	CONNECT NEW EXIT SIGN / EMERGENCY LIGHT TO EXISTING EMERGENCY CIRCUIT SERVING AREA.
8.	ELECTRICAL SCOPE ASSOCIATED WITH BOILER ROOM TO BE COMPLETED UNDER SEPARATE CONTRACT.



NORTHWEST ALLEN COUNTY SCHOOLS
HUNTERTOWN ELEMENTARY SCHOOL
MECHANICAL UPGRADES

15330 Lima Rd, Huntertown, IN 46748

CERTIFICATION		
No.	Date	Description
1	08/14/25	ADDENDUM #1

DATE: 8-5-2026
COMM: 26842

TITLE:
LIGHTING PLAN

SHEET:
E301

Fort Wayne
Indianapolis

9786 Chesapeake Blvd., Suite 103
Fort Wayne, Indiana 46805
260.453.0444
www.primaryeng.com

2828 Lake Ave.
Fort Wayne, Indiana 46805
260.453.0444
www.primaryeng.com

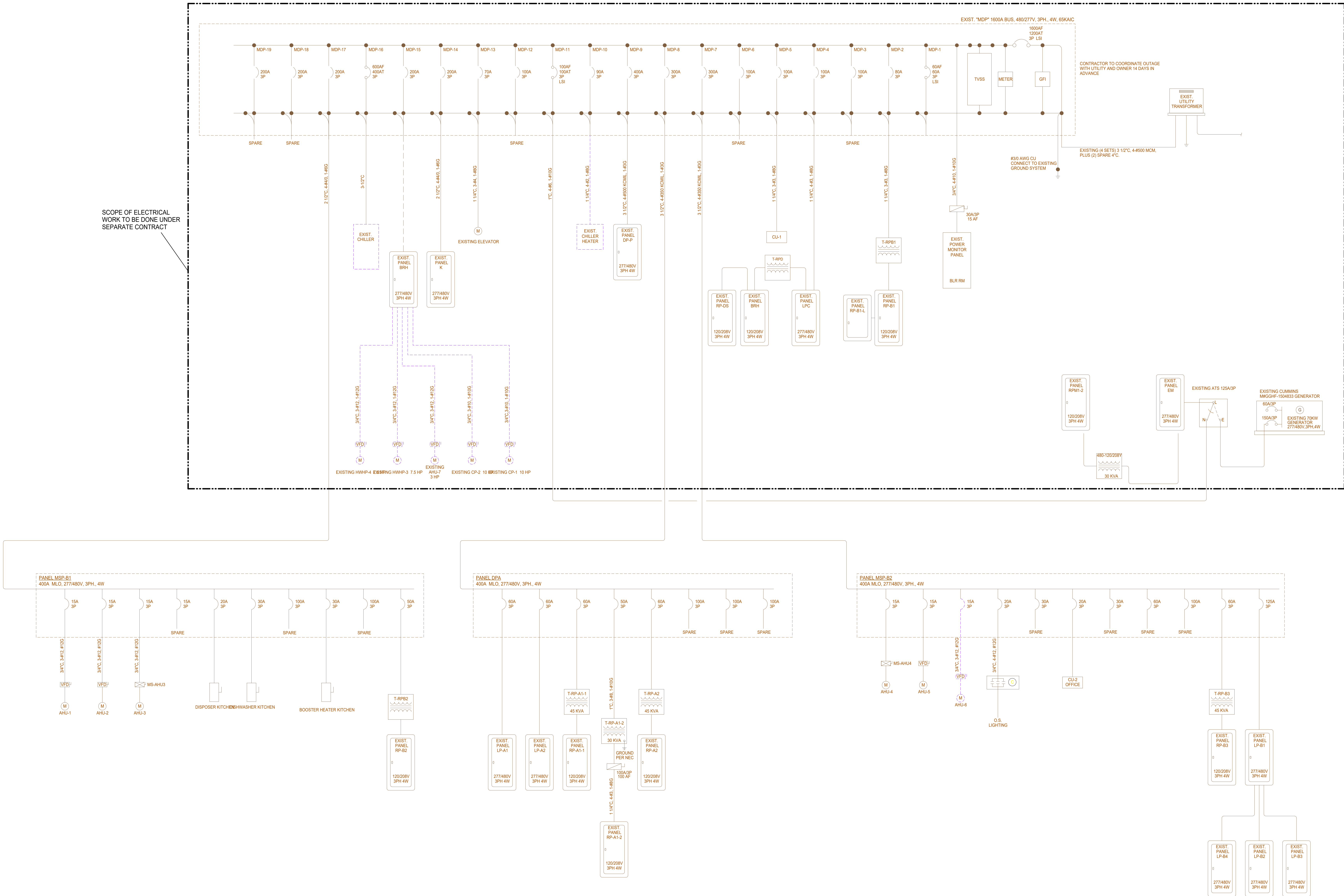
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LIGHT FIXTURE SCHEDULE									
TAG	MANUFACTURER'S CATALOG NUMBER	MAX. WATTS	MOUNT	MIN. LUMEN OUTPUT *(D/I)	CCT	CRI	DESCRIPTION	REMARKS	
L1	METALUX #22CGTS-L3C3-4000K-LOW LITHONIA COLUMBIA	19	RECESSED	2,854	4000	80	120-277V, 2'X2' SELECTABLE FLAT PANEL SMOOTH FROSTED LENS AND EXTRUDED ALUMINUM HOUSING. ELECTRONIC 0-10V DIMMING DRIVER WITH RANGE FROM 100% TO 1% UL LISTED		
L1A	SAME AS L1 EXCEPT WITH GENERATOR TRANSFER DEVICE								
L2	METALUX #22CGTS-L3C3-4000K-LOW LITHONIA COLUMBIA	28	RECESSED	4,072	4000	80	120-277V, 2'X2' SELECTABLE FLAT PANEL SMOOTH FROSTED LENS AND EXTRUDED ALUMINUM HOUSING. ELECTRONIC 0-10V DIMMING DRIVER WITH RANGE FROM 100% TO 1% UL LISTED		
L2A	SAME AS L2 EXCEPT WITH GENERATOR TRANSFER DEVICE								
L3	METALUX #24CGTS-L3C3-4000K-LOW LITHONIA COLUMBIA	29	RECESSED	4,461	4000	80	120-277V, 2'X4' SELECTABLE FLAT PANEL SMOOTH FROSTED LENS AND EXTRUDED ALUMINUM HOUSING. ELECTRONIC 0-10V DIMMING DRIVER WITH RANGE FROM 100% TO 1% UL LISTED		
L3A	SAME AS L3 EXCEPT WITH GENERATOR TRANSFER DEVICE								
L4	METALUX #8TSNLED-LD5-91SL-LN-UNV-L840-CD-1-U LITHONIA COLUMBI	69	SUSPENDED	9,162	4000	80	120-277V, 8' LINEAR STRIP FIXTURE WITH SEMI-FROSTED LENS AND COLD ROLLED STEEL HOUSING. ELECTRONIC 0-10V DIMMING DRIVER WITH RANGE FROM 100% TO 10% UL LISTED		
L4A	SAME AS L4 EXCEPT WITH GENERATOR TRANSFER DEVICE								
L5	LUMINOS GLOBAL 15/16 #1GL-T-SLIM-2-SV-40-8-15	10	GRID	1,300	4000	80	120-277V, 2' GRID STRIP FIXTURES WITH FROSTED LENS. ELECTRONIC 0-10V DIMMING DRIVER WITH RANGE FROM 100% TO 1% UL LISTED		
L6	METALUX #4SNLED-LD5-46SL-LN-UNV-L840-CD1-U LITHONIA COLUMBI	35	SURFACE	4,581	3500	80	120-277V, 4' LINEAR STRIP FIXTURE WITH SEMI-FROSTED LENS AND COLD ROLLED STEEL HOUSING. ELECTRONIC 0-10V DIMMING DRIVER WITH RANGE FROM 100% TO 10% UL LISTED		
L6A	SAME AS L6 EXCEPT WITH GENERATOR TRANSFER DEVICE								
EX1	ONE LITE W-3-R-SD LITHONIA #LOM-S-W-3-R-120/277-EL N-SD DUAL LITE #EVE-U-R-W-E-I	1	UNIVERSAL				120-277V, 4' WALKIE POLYCARBONATE SELF-POWERED EXIT SIGN WITH GREEN LETTERS AND NICKEL CADMIUM BATTERY. EXIT SIGN SHALL HAVE SELF DIAGNOSTIC. UL LISTED		
REMARKS:									

LIGHTING SENSOR SCHEDULE					
TAG	MANUFACTURER'S CATALOG NUMBER	INPUT VOLTAGE	MOUNT	REMARKS	REMARKS
O1	WATTSTOPPER #DT-300 SENSOR SWITCH #CM-POT-R-R GREENGATE #OAC-DT-R HUBBELL #OMNI-DT-XXXX-RP	24V	CEILING	DUAL TECHNOLOGY CEILING SENSOR WITH A COMBINATION OF ULTRASONIC AND PASSIVE INFRARED. SENSOR TO BE EQUIPPED WITH SELF ADJUSTING TECHNOLOGY AND ISOLATED RELAY OUTPUTS. SENSOR SHALL OPERATE AS AUTOMATIC 'ON' AND AUTOMATIC 'OFF' WITH A 15 MINUTE TIME DELAY.	1
O2	WATTSTOPPER #DW-100 SENSOR SWITCH #WSD-PDT GREENGATE #ONW-D-1001-MV HUBBELL #LH-MT-S-1 LUTRON #MS-B102	120/277V	WALL	DUAL TECHNOLOGY WALL SWITCH SENSOR WITH A COMBINATION OF ULTRASONIC AND PASSIVE INFRARED. SENSOR TO BE EQUIPPED WITH SELF ADJUSTING TECHNOLOGY. SENSOR SHALL OPERATE AS AUTOMATIC 'ON' AND AUTOMATIC 'OFF' WITH A 15 MINUTE TIME DELAY. COLOR TO BE SELECTED BY ARCHITECT.	
PP	WATTSTOPPER #B2150 SENSOR SWITCH #PP20 GREENGATE #SP20-MV HUBBELL	120/277V	4 SQUARE BOX ABOVE ACCESSIBLE CEILING	POWER PACK TO OPERATE LOW VOLTAGE (24VDC) OCCUPANCY SENSORS. RELAY TO BE 20A RATED.	
REMARKS:					
1. PROVIDE POWER PACKS AND EMERGENCY LIGHTING CONTROL UNITS AS REQUIRED TO OPERATE LIGHTING AS SHOWN ON FLOOR PLANS					
2. 120/277V SENSOR IN LIEU OF POWER PACK IS ACCEPTABLE.					
GENERAL NOTES:					
1. CEILING MOUNTED OCCUPANCY SENSORS SHALL BE INSTALLED 6'-0" AWAY FROM ANY SUPPLY DIFFUSERS, COORDINATE WITH MECHANICAL CONTRACTOR.					

EQUIPMENT SCHEDULE														
EQUIPMENT DESIGNATION	EQUIPMENT LOCATION	EQUIPMENT LOAD	VOLTAGE/PHASE	CIRCUIT INFORMATION		DISCONNECT					EQUIPMENT MOUNTED CONTROL PANEL	VARIABLE FREQUENCY/SPEED DRIVE (VFD/VSD)		REMARKS
				CONDUIT AND CONDUCTOR SIZE	BRANCH CIRCUIT DESIGNATION	PROVIDED BY	FUSED OR NON-FUSED	NEMA ENCLOSURE	DISCONNECT SWITCH SIZE	FUSE RATING		PROVIDED BY	INSTALLED BY	
CHLR-1	EXTERIOR	50S MCA	480V/3PH	EX 3-1/2" C, NEW 6-#350 KCMIL, 1-#1G	MSB	INT								1
CHWP-1	1023 - BOILER RM	15 HP	480V/3PH	3/4" C, 3-#8, 1-#10G	BRH-14(16,18)	INT						MC	EC	5
CHWP-2	1023 - BOILER RM	15 HP	480V/3PH	3/4" C, 3-#8, 1-#10G	BRH-20(22,24)	INT						MC	EC	5
CHWP-3	1023 - BOILER RM	5 HP	480V/3PH	3/4" C, 3-#12, 1-#12G	BRH-26(28,30)	INT						MC	EC	4
CHWP-4	1023 - BOILER RM	5 HP	480V/3PH	3/4" C, 3-#12, 1-#12G	BRH-32(34,36)	INT						MC	EC	4
HWP-1	1023 - BOILER RM	15 HP	480V/3PH	3/4" C, 3-#8, 1-#10G	EM-2(4,6)	INT						MC	EC	5
HWP-2	1023 - BOILER RM	15 HP	480V/3PH	3/4" C, 3-#8, 1-#10G	EM-14(16,18)	INT						MC	EC	5
BP-1	1023 - BOILER RM	3 HP	480V/3PH	3/4" C, 3-#12, 1-#12G	EM-19(21,23)	EC	NF	1	30A/3P	X				4
BP-2	1023 - BOILER RM	3 HP	480V/3PH	3/4" C, 3-#12, 1-#12G	EM-20(22,24)	EC	NF	1	30A/3P	X				4
BP-3	1023 - BOILER RM	3 HP	480V/3PH	3/4" C, 3-#12, 1-#12G	EM-26(28,30)	EC	NF	1	30A/3P	X				4
B-1	1023 - BOILER RM	16 MCA	120V/1PH	3/4" C, 2-#12, 1-#12G	RPM1_2-2	EC	NF	1	20A/1P	X				3
B-2	1023 - BOILER RM	16 MCA	120V/1PH	3/4" C, 2-#12, 1-#12G	RPM1_2-4	EC	NF	1	20A/1P	X				3
B-3	1023 - BOILER RM	16 MCA	120V/1PH	3/4" C, 2-#12, 1-#12G	RPM1_2-6	EC	NF	1	20A/1P	X				3
EF-1	1023 - BOILER RM	3/4 HP	120V/1PH	3/4" C, 2-#10, 1-#10G	RP_B1-3	INT								7
EF-2	1023 - BOILER RM	3/4 HP	120V/1PH	3/4" C, 2-#10, 1-#10G	RP_B1-29	INT								7
UH-1	1023 - BOILER RM	1/20 HP	120V/1PH	3/4" C, 2-#12, 1-#12G	RP_B1-41	EC	NF	1	20A/1P	X				2
UH-2	1023 - BOILER RM	1/20 HP	120V/1PH	3/4" C, 2-#12, 1-#12G	RPM1_2-12	EC	NF	1	20A/1P	X				2
RTU-1	ROOF (RM 1008)	29 MCA	480V/3PH	3/4" C, 3-#8, 1-#10G	MSP_B2-3	INT								8
VAV-1	1000 - OFFICE	-	120V/1PH	3/4" C, 2-#12, 1-#12G	RP_B3-39	EC	NF	1	20A/1P	X				
VAV-2	1001 - NURSE	-	120V/1PH	3/4" C, 2-#12, 1-#12G	RP_B3-39	EC	NF	1	20A/1P	X				
VAV-3	1002 - WORKROOM	-	120V/1PH	3/4" C, 2-#12, 1-#12G	RP_B3-39	EC	NF	1	20A/1P	X				
VAV-4	1003 - PRINCIPAL	-	120V/1PH	3/4" C, 2-#12, 1-#12G	RP_B3-39	EC	NF	1	20A/1P	X				
VAV-5	001 - CLASSROOM	-	120V/1PH	3/4" C, 2-#12, 1-#12G	RP_B3-40	EC	NF	1	20A/1P	X				
VAV-6	1007 - STORAGE	-	120V/1PH	3/4" C, 2-#12, 1-#12G	RP_B3-40	EC	NF	1	20A/1P	X				
VAV-7	1005 - CONF.	-	120V/1PH	3/4" C, 2-#12, 1-#12G	RP_B3-40	EC	NF	1	20A/1P	X				
UV-1	MEDIA CENTER	12 MCA	120V/1PH	3/4" C, 2-#12, 1-#12G	RP_DS-11	INT								
UV-2	MEDIA CENTER	12 MCA	120V/1PH	3/4" C, 2-#12, 1-#12G	RP_DS-12	INT								
UV-3	KINDERGARTEN	12 MCA	120V/1PH	3/4" C, 2-#12, 1-#12G	RP_A1_2-32	INT								
FCU-1	100E - CORRIDOR	9.3 MCA	120V/1PH	3/4" C, 2-#12, 1-#12G	RP_DS-9	EC	NF	1	20A/1P	X				
FCU-2	100E - CORRIDOR	9.3 MCA	120V/1PH	3/4" C, 2-#12, 1-#12G	RP_DS-10	EC	NF	1	20A/1P	X				
FCU-3	2ND FLR OFFICE	9.3 MCA	120V/1PH	3/4" C, 2-#12, 1-#12G	RPA_2-39	EC	NF	1	20A/1P	X				
SCHEDULE ABBREVIATIONS														
A	AMPACITY	HLO	HIGH/LOW/OFF SWITCH	MHLO	MOMENTARY HIGH/LOW/OFF SWITCH									
EC	ELECTRICAL CONTRACTOR	HOA	HAND/OFF/AUTO	NF	NON-FUSED									
EX	EXISTING EQUIPMENT	HP	HORSE POWER	O	OWNER FURNISHED AND INSTALLED									
F	FUSED	INT	INTEGRAL WITH EQUIPMENT	RLA	RUNNING LOAD AMPS									
FLA	FULL LOAD AMPS	LOR	LOCAL/OFF REMOTE SWITCH	S	ON/OFF SWITCH									
FVNR	FULL VOLTAGE NON-REVERSING M		MOMENTARY ON/OFF SWITCH	W	WATTS									
FVR	FULL VOLTAGE REVERSING	MC	MECHANICAL CONTRACTOR	XA/VP	X AMP CIRCUIT BREAKER, Y POLE									
G	GENERAL CONTRACTOR	MCA	MIN CIRCUIT AMPACITY	XAF	SWITCH WITH X AMP FUSE(S)									
HL	HIGH/LOW SWITCH	MHL	MOMENTARY HIGH/LOW SWITCH											
REMARKS														
1. CONDUIT TO BE (GRC) GALVANIZED RIGID CONDUIT, PROVIDE UNISTRUT AND ADDITIONAL SUPPORT, AS REQUIRED.														
2. PROVIDE AND INSTALL NEW 15A/1P BREAKER IN LISTED PANEL														
3. PROVIDE AND INSTALL NEW 20A/1P BREAKER IN LISTED PANEL														
4. PROVIDE AND INSTALL NEW 15A/3P BREAKER IN LISTED PANEL														
5. PROVIDE AND INSTALL NEW 50A/3P BREAKER IN LISTED PANEL														
6. PROVIDE AND INSTALL NEW 600A/3P BREAKER IN LISTED PANEL														
7. PROVIDE AND INSTALL NEW 25A/1P BREAKER IN LISTED PANEL														
8. PROVIDE AND INSTALL NEW 40A/3P BREAKER IN LISTED PANEL														

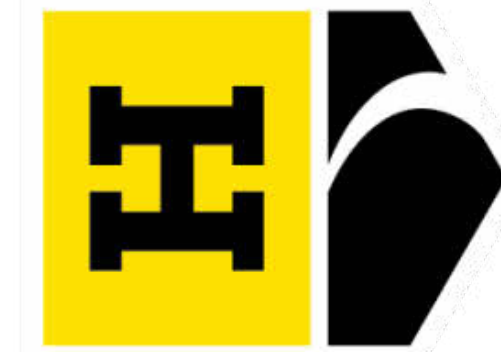
PANEL: RP-B1			SURFACE			MLO/MCB: 200 AMPERE			VOLTAGE: 120/208		
MOUNTING TYPE:						K.A.I.C.: 22			PHASE: 3		
PANEL REMARKS:						FED FROM: SEE RISER			WIRE: 4+G		
HINGED DOOR WITHIN HINGED COVER, COPPER BUS, 100% RATED NEUTRAL BUS, FEED THROUGH LUGS											
REMARKS	CKT NO.	BRK SIZE	LOAD DESCRIPTION	PHASE A (VA)	PHASE B (VA)	PHASE C (VA)	LOAD DESCRIPTION	BRK SIZE	CKT NO	REMARKS	
2	1	20A/1P	LIGHTS WALKIN FREEZER & COOLER	0	1656	0	DUPLEX COOKS TABLE	20A/1P	2		
	3	20A/1P	EF-1	0			S-E PLUG FLOOR	20A/1P	4		
	5	20A/1P	REFRIGERATOR	0			MIXER & CAN OPENER	20A/1P	6		
	7	20A/3P	DOUGH SPINNER	0	0	0	STORAGE ROOM WALKIN LIGHTS...	20A/1P	8		
	9			LIGHTS & FAN KITCHEN			20A/1P	10			
	11			ANSUL TRIP - KITCHEN EQUIP			20A/1P	12			
	13			20A/1P			DUPLEX - BOILER ROOM EAST PLUG IN...	0	DUPLEX BOILER #1 WASHING MACHINE		20A/1P
	15	20A/1P	UNIT HEAT KIT. FOOD STORAGE DUPL...	0	0	DUPLEX GENERAL STORAGE - EXH. FA...	20A/1P	16			
	17	20A/1P	M. WORK BENCH	0	0	DUPLEX BOOK STORAGE & CANTEN	20A/1P	18			
	19	20A/1P	DUPLEX CHILLER PAD UNIT HEATER...	0	0	0	PANEL TO LEFT	100A/3P	20		
	21	20A/1P	OIL PUMP BUILDING CIRC. PUMP	0					22		
	23	20A/1P	BOILER HOT WATER CIRC. DUPEX	0					24		
	25	60A/2P	RANGE	0					26		
	27			0	28						
	29			0	1656	BLANK	X	30			
31	20A/1P	STRUCK OUT	0	COMPRESSOR		20A/1P	32				
33	20A/2P	HOT FOOD & LIGHTS WEST	0	COMPRESSOR		20A/1P	34				
35	20A/2P		HOT FOOD & LIGHTS WEST	0		OUTLET RIGHT SIDE OF THIS PANEL	20A/1P	36			
37				0	120V EVAPORATOR	20A/1P	38				
39		0		120V PLUG OUTSIDE FOR CHILLER	20A/1P	40					
1	41	15A/1P	UH-1	0	1,656	500 400 2,556	RDP	15A/1P	42	2	
REMARKS											
1. PROVIDE AND INSTALL NEW 15A/1P BREAKER											
2. PROVIDE AND INSTALL NEW 20A/1P BREAKER											
3. PROVIDE AND INSTALL CIRCUIT BREAKER RED LOCKOUT WITH "FA" TAG EVALUATE TO SPACE AGE ELECTRONICS #ELOCK-FA											



1 EXISTING ELECTRICAL RISER DIAGRAM
NOT TO SCALE

NORTHWEST ALLEN COUNTY SCHOOLS
HUNTERTOWN ELEMENTARY SCHOOL
MECHANICAL UPGRADES

15330 Lima Rd, Huntertown, IN 46748



CERTIFICATION:



No.	Date	Description
1	08/14/26	ADDENDUM #1

DATE: 8-5-2026
COMM: 26842

TITLE:
ELECTRICAL
RISER
DEMOLITION
SHEET

SHEET:

E601



DATE: 8-5-2026
COMM: 26842

SHEET: **E602**

