

# Addendum 01

DOCUMENT 00 9100

**DATE:** February 19, 2024

**PROJECT:** EACS New Haven Primary, Leo Elementary and Cedarville Lighting Replacement  
1445 Berwick Lane, New Haven, Indiana 46774 (New Haven)/  
14811 Wayne Street, Leo, Indiana 46765 (Leo)/  
12225 Hardisty Rd, Fort Wayne, Indiana 46845 (Cedarville)

**PROJECT #:** 23085.00

**OWNER:** East Allen County Schools  
Contact: Chris Baker  
1322 Green Road  
New Haven, Indiana 46774

**ARCHITECT:** Garmann Miller  
38 South Lincoln Drive  
P.O. Box 71  
Minster, Ohio 45865

**TO:** Prospective Bidders

This addendum form is a part of the Contract Documents and modifies the Bidding Documents dated February 7, 2024, with amendments and additions noted below.

Acknowledge receipt of this Addendum on the Bid Form. Failure to do so may disqualify the Bidder.

This addendum consists of 2 pages, and 2 re-issued drawing sheets.

## FOR INFORMATION ONLY

1. Pre-bid meeting minutes and the pre-bid meeting sign-in sheet are attached.

## CHANGES TO THE PROJECT MANUAL

1. Section 00 11 30 Abbreviated Scope of Work, Project Scopes of Work, General Construction; Change to read: Patching and repair of existing walls due to luminaires being removed. Touch-up painting of walls will occur at each location that a wall



fixture is being removed. Removal of existing ceiling and grid and installation of new ceiling and grid.

2. Section 01 11 00 Summary of Work, Article 1.01 Project, Paragraph D; Add the following subparagraphs:
  - 1 Work prior to May 24th or after August 2nd:
    - a. Work shall be scheduled and coordinated with the Owner.
    - b. Work shall be performed on 2nd shift.
    - c. Workers shall be required to get a background check and approved by the owner to work on site.
    - d. Areas shall be cleaned and ready for students prior to the start of the school day.
  - 2 Work in corridors may be allowed during student occupied times if scheduled, coordinated, and approved by the Owner.
  - 3 Workers shall be required to dress in company attire so that they may be easily identified by staff.
3. Section 01 50 00 Temporary Facilities and Controls, Article 1.04 Temporary Sanitary Facilities, add subparagraph C to read: If the contractor chooses to use the existing facilities, the facilities shall be cleaned and maintained by the contractor daily.

### **CHANGES TO THE DRAWINGS**

1. Drawing Sheet E1.1 General Notes, Abbreviations, Legends, & Schedules: Luminaire Schedule: Remove equivalent manufacturers and modify parameters for luminaire type 'P' to increase aircraft cable length and to coordinate exact mounting heights with owner.
2. Drawing Sheet E4.1 Cedarville – First Floor Electrical Plan - Unit A: Detail 1 Lighting Plan – Unit A: Clarify mounting of pendant fixtures in media center that are installed in sloped ceiling.

### **ATTACHMENTS**

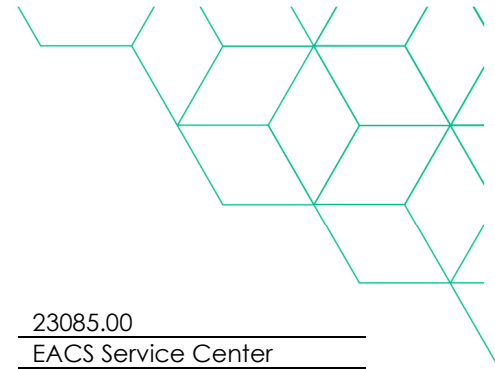
The following attachments are included and are part of this addendum:

Pre-bid meeting minutes and the pre-bid meeting sign-in sheet.

Drawing Sheets E1.1 and E4.1.

### **END OF ADDENDUM**





### Pre-Bid meeting

Project name	<u>EACS 2024 Lighting Replacement</u>	GM project no.	<u>23085.00</u>
Meeting date	<u>02/15/2024</u>	Meeting location	<u>EACS Service Center</u>

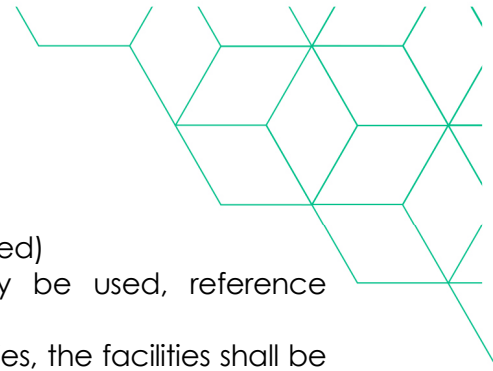
### Outline

1. Attendees: Sign in sheet attached
2. Introductions
3. Project overview: Replacing existing light fixtures in three (3) buildings (Cedarville Elementary, Leo Elementary, & New Haven Primary), upgrading lighting controls, with alternates to replace ceilings and exit/egress lighting.
4. Bidding
  - a. Date: February 29, 2024, 2:00:00 pm local time
  - b. Submitted in a sealed envelope:  
EACS Administration Building  
1240 State Road 930 East  
New Haven, IN 46774  
  
Bids submitted by mail are to be addressed to:  
East Allen County Schools  
Attn. **Dr. Pat McCann**  
1240 SR 930 East  
New Haven IN 46774
  - c. Use the bid form provided in the specifications
  - d. Permits will only be required if the alternates for ceilings are accepted.
5. Bid categories
  - a. Electrical Work
    - i. General Contractor for ceiling alternates
6. Alternates
  - a. Alternate 1: New Haven Primary: Replace ceiling grid and pads, provide LED lights, provide occupancy sensors, provide dimming and control in rooms A104, A104A, A104B, A105, A105A, A105B, A106, A106A, A106B, A107, A107A, & A107B.
  - b. Alternate 2: New Haven Primary: Replace ceiling grid and pads, provide LED lights, provide occupancy sensors, provide dimming and control in rooms A109, A110, A111, A113, A114, A115, C109, C111, C112, C113, C114, C115, & C116.
  - c. Alternate 3: New Haven Primary: Replace ceiling grid and pads, provide LED lights, provide occupancy sensors, provide dimming and control in rooms A116, A116A,



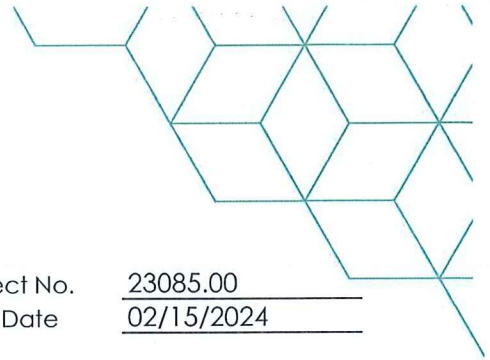
A116B, A118, A118A, A118B, A120, A120A, A120B, A121, A121A, A121B, A122, A122A, & A122B.

- d. Alternate 4: Leo Elementary: Replace ceiling grid and pads in areas/rooms shown to get new lighting.
  - e. Alternate 5: New Haven Primary & Leo Elementary: Replace exit signs and emergency lights as indicated on the lighting sheets.
7. Contingency amounts to be included in bid
- a. Total: \$25,000.00
8. Contracts will be administered by Garmann/Miller & Associates, Inc.
- a. All questions and correspondence to go through Garmann Miller
  - b. All RFIs to go through Garmann Miller
  - c. Pay applications to go to Garmann Miller
  - d. Garmann Miller will schedule a preconstruction meeting with the contractor after the notice of award
9. Schedule
- a. Tentative award date – March 19, 2024
  - b. Start of construction – May 24, 2024
    - i. Work may be started prior to May 24<sup>th</sup> if the following conditions are met:
      - 1. Work is scheduled and coordinated with the owner.
      - 2. Work is done during 2<sup>nd</sup> shift.
      - 3. Workers get a background check and are cleared to work on site by the owner.
      - 4. Areas worked in are cleaned and ready for students prior to the start of the school day.
  - c. Substantial Completion date – August 2, 2024
    - i. Work may extend past August 2<sup>nd</sup> if the following conditions are met:
      - 1. Work is scheduled and coordinated with the owner.
      - 2. Work is done during 2<sup>nd</sup> shift.
      - 3. Workers get a background check and are cleared to work on site by the owner.
      - 4. Areas worked in are cleaned and ready for students prior to the start of the school day.
  - d. Work in the corridors may be allowed during student occupied times if scheduled and coordinated with the owner.
    - i. Liquidated Damages – None
10. General conditions
- a. Waste Removal: Each contractor
  - b. Electrical/General Contractor
    - i. Responsible for construction schedule and general supervision
    - ii. Submit preliminary schedule 10 days after notice to proceed
    - iii. Responsible for scheduling and administering job meetings; prepare agenda, responsible for meeting minutes and distributing copies
  - c. Responsible for field office (if needed)



- d. Responsible for telephone service/fax to field office (if needed)
  - e. Responsible for sanitary facilities (building facilities may be used, reference specifications).
    - i. If the contractor chooses to use the existing school facilities, the facilities shall be cleaned and maintained by the contractor. Coordinate usage with the owner.
  - f. Barriers
11. Temporary electricity
- a. Building Electric may be utilized.
12. Temporary water
- a. Building water may be utilized.
13. Substitution request by 10 days prior to bid.
- a. Luminaires: no equals will be allowed for the listed luminaires, the fixtures shown on the schedule reflect the owner's standard fixtures.
14. Correspondence
- a. Correspondence to run through the Garmann Miller
    - i. Project Manager – **Kevin Rinderle**– [krinderle@creategm.com](mailto:krinderle@creategm.com)
15. Open Meeting Discussion:
- a. Question: Will there be other projects going on in the buildings this summer?
    - i. Answer: Yes, some examples given; carpet, restroom renovations, exterior window replacement, etc.
  - b. Question: What kind of painting requirements will be needed?
    - i. Answer: Painting would only be required if alternate #5 is accepted. Touch up painting will be required if the new wall mounted emergency lights do not cover the footprint of the existing lights being replaced. Wall colors will be either white or oyster by Sherwin-Williams and shall be coordinated with the owner. The contractor will be expected to purchase the paint and do the wall touch-up (painting of the entire wall will not be required). If the ceilings are replaced, the new ceiling shall be installed at the same elevation as the existing, with no painting required.
  - c. The contractors shall coordinate pre-bid site visits directly with Chris Baker. One day minimum notice for site visits is required.
  - d. Background checks will only be required if working while school is in session (includes second shift work during the scheduled school year).
  - e. Workers shall dress in company attire so that they can be easily identified by staff.





### Sign-in Sheet

Project Name EACS 2024 Lighting Replacement GM Project No. 23085.00  
Meeting Location EACS Service Center Conference Room Meeting Date 02/15/2024

Purpose Pre-Bid Meeting

### Attendees

<input checked="" type="checkbox"/>	Name	Chris Baker	Phone	260-446-0119
	Business/Title	Director of Facilities		
	Email	cbaker@eacs.k12.in.us		
<input checked="" type="checkbox"/>	Name	Kevin Rinderle	Phone	419-628-4240
	Business/Title	Project Manager		
	Email	krinderle@creategm.com		
<input type="checkbox"/>	Name	BRAD DELLINGER	Phone	765-479-1170
	Business/Title	ACB		
	Email	bdellinger@acbgeneralcontractors.com		
<input type="checkbox"/>	Name	CLAY STOPPENHAGEN	Phone	260-415-1318
	Business/Title	SERVILE ELECTRIC		
	Email	cstoppenhagen@servileelectricinc.com		
<input type="checkbox"/>	Name	Clint Zehr	Phone	260 437 4741
	Business/Title	JT Contracting LLC		
	Email	clint@jtcontractingllc.com		
<input type="checkbox"/>	Name	Eric Tyler	Phone	260 257 0713
	Business/Title	Bus Dev. Dir, Schenkel Const		
	Email	etyler@schbuild.com		
<input type="checkbox"/>	Name		Phone	
	Business/Title			
	Email			
<input type="checkbox"/>	Name		Phone	
	Business/Title			
	Email			

@ creategm.com

Minster, OH | Columbus, OH | Indianapolis, IN | Fort Wayne, IN



SYMBOLS LEGEND		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT
	SOLID HATCH INDICATES LIGHT FIXTURE TO BE PROVIDED WITH INTEGRAL BATTERY BACKUP, 90 MINUTE MINIMUM. HATCH WILL BE MODIFIED FOR EACH FIXTURE TYPE.	CEILING
	CAPITAL LETTER INDICATES FIXTURE TYPE LOWER CASE LETTER INDICATES SWITCHING	CEILING
	1'x4' LUMINAIRE. REFER TO LUMINAIRE SCHEDULE.	CEILING
	2'x4' LUMINAIRE. REFER TO LUMINAIRE SCHEDULE.	CEILING
	1'x2' LUMINAIRE. REFER TO LUMINAIRE SCHEDULE.	CEILING
	1'x3' LUMINAIRE. REFER TO LUMINAIRE SCHEDULE.	CEILING
	2'x2' LUMINAIRE. REFER TO LUMINAIRE SCHEDULE.	CEILING
	2' STRIP LIGHT LUMINAIRE. REFER TO LUMINAIRE SCHEDULE.	CEILING
	3' STRIP LIGHT LUMINAIRE. REFER TO LUMINAIRE SCHEDULE.	CEILING
	4' STRIP LIGHT LUMINAIRE. REFER TO LUMINAIRE SCHEDULE.	CEILING
	ROUND SURFACE MOUNTED LUMINAIRE. REFER TO LUMINAIRE SCHEDULE.	CEILING
	ROUND RECESSED LUMINAIRE. REFER TO LUMINAIRE SCHEDULE.	CEILING
	ROUND PENDANT LUMINAIRE. REFER TO LUMINAIRE SCHEDULE.	CEILING
	WALL MOUNTED LUMINAIRE. REFER TO LUMINAIRE SCHEDULE.	CEILING
	CEILING MOUNTED EXIT SIGN, SINGLE OR DOUBLE FACED AND ARROWS AS INDICATED. SHADED AREA INDICATES FACE LOCATION(S). REFER TO LUMINAIRE SCHEDULE.	CEILING
	CEILING MOUNTED EXIT SIGN WITH REMOTE HEADS, SINGLE OR DOUBLE FACED AND ARROWS AS INDICATED. SHADED AREA INDICATES FACE LOCATION(S). REFER TO LUMINAIRE SCHEDULE.	CEILING
	WALL MOUNTED EXIT SIGN WITH REMOTE HEADS, SINGLE OR DOUBLE FACED AND ARROWS AS INDICATED. SHADED AREA INDICATES FACE LOCATION(S). REFER TO LUMINAIRE SCHEDULE.	CEILING
	BATTERY PACK WITH REMOTE HEADS. REFER TO LUMINAIRE SCHEDULE.	CEILING/WALL
	LOCAL SWITCH - 1 POLE - 20A, 277V WITH COVERPLATE	44" AFF
	LOCAL SWITCH - THREE WAY - 20A, 277V WITH COVERPLATE	44" AFF
	LOCAL SWITCH - FOUR WAY - 20A, 277V WITH COVERPLATE	44" AFF
	LOCAL KEY SWITCH - 1 POLE - 20A, 277V WITH COVERPLATE	44" AFF
	LOCAL KEY SWITCH - 3 WAY - 20A, 277V WITH COVERPLATE	44" AFF
	LOCAL KEY SWITCH - 4 WAY - 20A, 277V WITH COVERPLATE	44" AFF
	LINE VOLTAGE PUSH BUTTON DIMMER SWITCH - 1 POLE - 120V OR 277V WITH 0-10V DIMMING AND COVERPLATE. EQUAL TO SENSORSWITCH - # SP00MRD WH	44" AFF
	LINE VOLTAGE SLIDE DIMMER SWITCH - 1 POLE, 120V OR 277V WITH 0-10V DIMMING AND COVERPLATE. EQUAL TO LEGRAND - #RH4B13PW	44" AFF
	LOW VOLTAGE THREE-WAY, TWO-BUTTON SWITCH WITH 'ON/OFF' CONTROL. EQUAL TO SENSORSWITCH - #SP00M D 3X WH.	44" AFF
	LOW VOLTAGE THREE-WAY, THREE-BUTTON SWITCH WITH 'ON/OFF' AND DIMMING CONTROL. EQUAL TO SENSORSWITCH - #SP00M D 3X WH.	44" AFF
	EXISTING CEILING MOUNTED OCCUPANCY SENSOR.	CEILING
	CEILING MOUNTED LOW VOLTAGE OCCUPANCY SENSOR FOR AUTOMATIC LIGHTING CONTROL. SMALL MOTION CONTROL, DUAL TECHNOLOGY. EQUAL TO SENSORSWITCH - #CM PDT 9. WHEN INSTALLED IN ROOMS WITH EXISTING LIGHTS AND/OR SWITCHES, TAKE CONTROL OF LOCAL LIGHTING. MODIFY AND EXTEND CONDUIT AND WIRING AS REQUIRED.	CEILING
	CEILING MOUNTED LOW VOLTAGE OCCUPANCY SENSOR FOR AUTOMATIC LIGHTING CONTROL. LARGE MOTION CONTROL, DUAL TECHNOLOGY. EQUAL TO SENSORSWITCH - #CM PDT 10. WHEN INSTALLED IN ROOMS WITH EXISTING LIGHTS AND/OR SWITCHES, TAKE CONTROL OF LOCAL LIGHTING. MODIFY AND EXTEND CONDUIT AND WIRING AS REQUIRED.	CEILING
	EXISTING CEILING SUPPLY DIFFUSER. REFER TO DRAWINGS FOR ADDITIONAL INFORMATION.	CEILING
	EXISTING RETURN AIR / AIR TRANSFER GRILLE. REFER TO DRAWINGS FOR ADDITIONAL INFORMATION.	CEILING
	EXISTING SLOT CEILING SUPPLY DIFFUSER. REFER TO DRAWINGS FOR ADDITIONAL INFORMATION.	CEILING
	EXISTING EXHAUST FAN. REFER TO DRAWINGS FOR ADDITIONAL INFORMATION.	CEILING
	EXISTING CABINET HEATER. REFER TO DRAWINGS FOR ADDITIONAL INFORMATION.	CEILING
	EXISTING CEILING SPEAKER. REFER TO DRAWINGS FOR ADDITIONAL INFORMATION.	CEILING
	EXISTING CEILING SPEAKER. REFER TO DRAWINGS FOR ADDITIONAL INFORMATION.	CEILING
	EXISTING CAMERA. REFER TO DRAWINGS FOR ADDITIONAL INFORMATION.	CEILING
	EXISTING WIRELESS ACCESS POINT. REFER TO DRAWINGS FOR ADDITIONAL INFORMATION.	CEILING
	EXISTING PROJECTOR AND/OR PROJECTOR MOUNT. REFER TO DRAWINGS FOR ADDITIONAL INFORMATION.	CEILING
	EXISTING FIRE ALARM SMOKE DETECTOR. REFER TO DRAWINGS FOR ADDITIONAL INFORMATION.	CEILING
	INDICATES NOTE - SEE TABULATION ON SAME SHEET.	

-ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS INCLUDE, BUT ARE NOT LIMITED TO THOSE LISTED BELOW

<b>A</b>	
AFF	- ABOVE FINISHED FLOOR
AFG	- ABOVE FINISHED GRADE
<b>C</b>	
CP	- COVERPLATE
<b>E</b>	
EC	- ELECTRICAL CONTRACTOR
EX / EXIST	- EXISTING
<b>G</b>	
GC	- GENERAL CONTRACTOR
GFI	- PROVIDE DEVICE WITH GFI PROTECTION
<b>H</b>	
HORIZ	- HORIZONTAL
HP	- HORSEPOWER
<b>M</b>	
MC	- MECHANICAL (HVAC, PLBG, FP, OR TC) CONTRACTOR
<b>N</b>	
NF	- NONFUSED
NL	- NIGHTLIGHT, CIRCUITED AHEAD OF LOCAL SWITCHING
<b>O</b>	
OREQ	- OR EQUAL
<b>S</b>	
SM	- SURFACE-MOUNTED
<b>T</b>	
TR	- TAMPER-RESISTANT
TYP	- TYPICAL
<b>U</b>	
UNO	- UNLESS NOTED OTHERWISE
<b>W</b>	
WG	- WIREGUARD
WP	- WEATHERPROOF

### LUMINAIRE SCHEDULE

MARK	MOUNTING	LAMPS				BALLAST/DRIVER	FIXTURE VOLTAGE	INPUT WATTS	FIXTURE DESCRIPTION	COMMENTS	BASIS OF DESIGN AND APPROVED MANUFACTURERS
		TYPE	MIN. LUMENS	CCT	CRI						
A1	RECESSED	LED	3,500	4000K	80	0-10V DIMMING 10%-100%	120VOLT	25	2'x4' LED FLAT PANEL, SELECTABLE LUMENS AND COLOR TEMPERATURE, RECESSED IN GRID, DIRECT-UT, EXTRUDED ALUMINUM FRAME, SATIN WHITE LENS, U.L. LISTED.	FIXTURE SETTINGS: LUMEN PACKAGE - LOW COLOR TEMPERATURE: 4000K	LITHONIA   CPX 2X4 AL08 B0CR1 SWW7 SWL MVOLT
A2	RECESSED	LED	4,300	4000K	80	0-10V DIMMING 10%-100%	120VOLT	35	2'x4' LED FLAT PANEL, SELECTABLE LUMENS AND COLOR TEMPERATURE, RECESSED IN GRID, DIRECT-UT, EXTRUDED ALUMINUM FRAME, SATIN WHITE LENS, U.L. LISTED.	FIXTURE SETTINGS: LUMEN PACKAGE - MEDIUM COLOR TEMPERATURE: 4000K	LITHONIA   CPX 2X4 AL08 B0CR1 SWW7 SWL MVOLT
B1	RECESSED	LED	2,500	4000K	80	0-10V DIMMING 10%-100%	120VOLT	20	2'x2' LED FLAT PANEL, SELECTABLE LUMENS AND COLOR TEMPERATURE, RECESSED IN GRID, DIRECT-UT, EXTRUDED ALUMINUM FRAME, SATIN WHITE LENS, U.L. LISTED.	FIXTURE SETTINGS: LUMEN PACKAGE - LOW COLOR TEMPERATURE: 4000K	LITHONIA   CPX 2X2 AL07 B0CR1 SWW7 SWL MVOLT
B2	RECESSED	LED	3,200	4000K	80	0-10V DIMMING 10%-100%	120VOLT	26	2'x2' LED FLAT PANEL, SELECTABLE LUMENS AND COLOR TEMPERATURE, RECESSED IN GRID, DIRECT-UT, EXTRUDED ALUMINUM FRAME, SATIN WHITE LENS, U.L. LISTED.	FIXTURE SETTINGS: LUMEN PACKAGE - MEDIUM COLOR TEMPERATURE: 4000K	LITHONIA   CPX 2X2 AL07 B0CR1 SWW7 SWL MVOLT
C	RECESSED	LED	3,200	4000K	80	0-10V DIMMING 10%-100%	120VOLT	25	1'x4' LED FLAT PANEL, SELECTABLE LUMENS AND COLOR TEMPERATURE, RECESSED IN GRID, DIRECT-UT, EXTRUDED ALUMINUM FRAME, SATIN WHITE LENS, U.L. LISTED.	FIXTURE SETTINGS: LUMEN PACKAGE - MEDIUM COLOR TEMPERATURE: 4000K	LITHONIA   CPX 1X4 AL07 B0CR1 SWW7 SWL MVOLT
D	RECESSED	LED	1,620	3000K	90	ELECTRONIC	120VOLT	20	8" ROUND LED RECESSED WAFER DOWNLIGHT, DIE CAST OUTER FRAME, WHITE POWDER COATING, REMOTE DRIVER BOX, U.L. LISTED.	MOUNT IN EXISTING DOWNLIGHT OPENING. VERIFY INSTALLATION, PROVIDE GOOD RING IF NECESSARY.	LITHONIA   WFS LED 30K MVOLT 90CRI MW
E	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	EXISTING FIXTURE TO REMAIN.		
ED	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	EXISTING FIXTURE TO BE DEMOLISHED.		
EM	SURFACE	LED				ELECTRONIC BATTERY			EGRESS LIGHT WITH BATTERY BACK-UP, TEST SWITCH AND STATUS INDICATOR, WHITE FINISH, U.L. DAMP LISTED.	PROVIDE FIXTURE WITH ALTERNATE #5. FIXTURE SHALL BE MOUNTED IN SAME LOCATION AS EXISTING.	LITHONIA   ELUC M6
ER1	WALL	LED	1,750	4000K	80	ELECTRONIC	120VOLT	32	EXISTING WALL MOUNTED FIXTURE TO BE RETROFITTED WITH TWO (2) 4" LED BYPASS TYPE T8 LAMPS WITH BUILT-IN DRIVER.	CONTRACTOR TO VERIFY LAMP TYPE AND SIZE OF EXISTING FIXTURE AND SHALL REVIEW WITH ENGINEER PRIOR TO ORDERING.	GREEN CREATIVE   98381
ER2	CEILING	LED	N/A	N/A	N/A	N/A	N/A	N/A	EXISTING SHOWER FIXTURE TO BE RETROFITTED WITH LED LAMP. CONTRACTOR TO VERIFY LAMP TYPE AND SIZE AND SHALL REVIEW WITH ENGINEER PRIOR TO ORDERING.	CONTRACTOR TO VERIFY LAMP TYPE AND SIZE OF EXISTING FIXTURE AND SHALL REVIEW WITH ENGINEER PRIOR TO ORDERING.	GREEN CREATIVE
F	RECESSED	LED	4,000	4000K	80	0-10V DIMMING 10%-100%	120VOLT	31	2'x4' LED FULL DISTRIBUTION RECESSED LIGHT, SMOOTH DIE-FORMED WHITE REFLECTOR, CURVED SMOOTH DIFFUSER, RECESSED IN GRID, LONG-LIFE LEDS, ELECTRONIC DIMMING DRIVER, U.L. LISTED.		LITHONIA   2BLT4 40L ADSM GC10 LP840
G	RECESSED	LED	3,300	4000K	80	0-10V DIMMING 10%-100%	120VOLT	27	2'x2' LED FULL DISTRIBUTION RECESSED LIGHT, SMOOTH DIE-FORMED WHITE REFLECTOR, CURVED SMOOTH DIFFUSER, RECESSED IN GRID, LONG-LIFE LEDS, ELECTRONIC DIMMING DRIVER, U.L. LISTED.		LITHONIA   2BLT2 33L ADSM GC10 LP840
P	PENDANT	LED	9,425	4000K	80	0-10V DIMMING 1%-100%	UNV	87	2" LED PENDANT DIRECT/INDIRECT RING, EXTRUDED ALUMINUM HOUSING, MONOPONT MOUNTING WITH AIRCRAFT CABLE, U.L. LISTED.	PROVIDE MOUNTING HARDWARE NECESSARY TO HANG FIXTURES AT APPROXIMATELY SAME HEIGHT AS EXISTING. COORDINATE MOUNTING HEIGHTS WITH OWNER PRIOR TO HANGING. FIXTURE AND CANOPY FINISHED TO BE SELECTED BY ENGINEER THROUGH SUBMITTAL PROCESS.	LUMENWERX   CURV2RIP D1 2FT HLO HLO SW B0CR1 1000 LMF 500 LMF 40K UNV D11 C 1C XXX XX SC 72IN XX
R	SURFACE	LED	N/A	N/A	N/A	ELECTRONIC BATTERY	3.6V	1	EXTERIOR REMOTE EGRESS LIGHT, POWERED FROM TYPE 'X2' EXIT LIGHT, WEATHERPROOF HEAD, ROUND, GRAY FINISH.	PROVIDE WIRING AS NECESSARY TO TYPE 'X2' EXIT SIGN. LIGHT SHALL BE MOUNTED ON EXISTING BOX THAT WAS USED FOR THE DOWNLIGHT REMOTE TEST, SEE PLANS	LITHONIA   ERE GY SGL WP RD
S	PENDANT	LED	4,000	4000K	80	0-10V DIMMING 10%-100%	120VOLT	35	4" LED STRIP LIGHT, SELECTABLE LUMENS AND COLOR TEMPERATURE, CHAIN HUNG, COLD-ROLLED STEEL CHANNEL AND COVER, DIFFUSE ACRYLIC LENS, WHITE FINISH, U.L. LISTED.	FIXTURE SETTINGS: LUMEN PACKAGE - MEDIUM COLOR TEMPERATURE: 4000K PROVIDE HANGER CHAIN LENGTH AS REQUIRED	LITHONIA   CSS L48 AL03 MVOLT SWW3 B0CR1
X1	SURFACE	LED	N/A	RED	N/A	ELECTRONIC BATTERY	120VOLT	2	ILLUMINATED EXIT SIGN COMBINATION EGRESS LIGHT WITH BATTERY BACK-UP, FLAME AND IMPACT-RESISTANT WHITE THERMOPLASTIC HOUSING, INTERNAL TOGGLE SWITCH FOR RED OR GREEN LETTERING, TEST SWITCH AND STATUS INDICATOR, UNIVERSAL MOUNTING, U.L. DAMP LISTED.	PROVIDE FIXTURE WITH ALTERNATE #5. FIXTURE SHALL BE MOUNTED IN SAME LOCATION AS EXISTING. LED COLOR SHALL BE SET TO RED.	LITHONIA   ECRG RD M6
X2	SURFACE	LED	N/A	RED	N/A	ELECTRONIC BATTERY	120VOLT	3	ILLUMINATED EXIT SIGN COMBINATION EGRESS LIGHT WITH HIGH-OUTPUT BATTERY BACK-UP FOR REMOTE HEAD CAPABILITIES, FLAME AND IMPACT-RESISTANT WHITE THERMOPLASTIC HOUSING, INTERNAL TOGGLE SWITCH FOR RED OR GREEN LETTERING, TEST SWITCH AND STATUS INDICATOR, UNIVERSAL MOUNTING, U.L. DAMP LISTED.	FIXTURE SHALL BE MOUNTED IN SAME LOCATION AS EXISTING. LED COLOR SHALL BE SET TO RED.	LITHONIA   ECRG HD RD M6

NEW HAVEN		
LIGHTING REPLACEMENT LOAD SUMMARY		
LIGHTING LOAD REMOVED	29.20 KW	
NEW LIGHTING LOAD	6.60 KW	
TOTAL LOAD REDUCTION	22.60 KW	
@ 277V 1PH	82 AMPS	

LEO		
LIGHTING REPLACEMENT LOAD SUMMARY		
LIGHTING LOAD REMOVED	74.50 KW	
NEW LIGHTING LOAD	19.70 KW	
TOTAL LOAD REDUCTION	54.80 KW	
@ 277V 1PH	198 AMPS	

CEDARVILLE		
LIGHTING REPLACEMENT LOAD SUMMARY		
LIGHTING LOAD REMOVED	6.80 KW	
NEW LIGHTING LOAD	3.90 KW	
TOTAL LOAD REDUCTION	6.90 KW	
@ 277V 1PH	25 AMPS	

DRAWING NUMBER	DRAWING TITLE
E1.1	GENERAL NOTES, ABBREVIATIONS, LEGENDS AND SCHEDULES.
ED1.1	NEW HAVEN - FIRST FLOOR ELECTRICAL DEMOLITION PLAN - UNIT A
ED1.2	NEW HAVEN - FIRST FLOOR ELECTRICAL DEMOLITION PLAN - UNIT B
ED1.3	NEW HAVEN - FIRST FLOOR ELECTRICAL DEMOLITION PLAN - UNIT C
ED2.1	LEO - FIRST AND SECOND FLOOR ELECTRICAL DEMOLITION PLANS - UNIT A
ED2.2	LEO - FIRST FLOOR ELECTRICAL DEMOLITION PLAN - UNIT B
ED2.3	LEO - FIRST FLOOR ELECTRICAL DEMOLITION PLAN - UNIT C
ED2.4	LEO - FIRST FLOOR AND MEZZANINE ELECTRICAL DEMOLITION PLANS - UNIT D
ED2.5	LEO - FIRST FLOOR ELECTRICAL DEMOLITION PLAN - UNIT E
E2.1	NEW HAVEN - FIRST FLOOR ELECTRICAL PLAN - UNIT A
E2.2	NEW HAVEN - FIRST FLOOR ELECTRICAL PLAN - UNIT B
E2.3	NEW HAVEN - FIRST FLOOR ELECTRICAL PLAN - UNIT C
E3.1	LEO - FIRST AND SECOND FLOOR ELECTRICAL PLANS - UNIT A
E3.2	LEO - FIRST FLOOR ELECTRICAL PLAN - UNIT B
E3.3	LEO - FIRST FLOOR ELECTRICAL PLAN - UNIT C
E3.4	LEO - FIRST FLOOR AND MEZZANINE ELECTRICAL PLANS - UNIT D
E3.5	LEO - FIRST FLOOR ELECTRICAL PLAN - UNIT E
E4.1	CEDARVILLE - FIRST FLOOR ELECTRICAL PLAN - UNIT A
E4.2	CEDARVILLE - FIRST FLOOR ELECTRICAL PLAN - UNIT B

#### ELECTRICAL GENERAL NOTES

- ALL GENERAL WALL MOUNT WIRING DEVICES TO MATCH EXISTING FINISH. COVERPLATES TO MATCH EXISTING.
- ALL MOUNTING HEIGHTS REFER TO BOTTOM OF BOX OR DEVICE, UNLESS NOTED OTHERWISE.
- ALL CONDUIT TO BE CONCEALED.
- TICK MARKS ON LIGHTING PLAN CIRCUITING INDICATE A CHANGE IN SWITCHING.
- ALL WORK SHALL CONFORM TO 2008 N.E.C. NATIONAL, STATE AND LOCAL CODES WHICH APPLY.
- ALL MATERIAL AND EQUIPMENT SHALL CONFORM TO U.L. AND NEMA STANDARDS WHICH APPLY.
- THIS CONTRACTOR SHALL PAY ALL FEES AND OBTAIN ALL PERMITS REQUIRED FOR THE EXECUTION OF THEIR WORK.
- THIS CONTRACTOR SHALL GUARANTEE THEIR ENTIRE ELECTRICAL INSTALLATION AGAINST DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE (1) YEAR.
- MINIMUM WIRE SIZE SHALL BE 12 AWG UNLESS NOTED OTHERWISE.
- CONDUCTORS SHALL BE TYPE THHN/THWN STRANDED COPPER.
- MODIFY CONDUIT & WIRE AS NECESSARY FOR REPLACEMENT OF LIGHTS. PROVIDE DIMMING WIRES WHEN DIMMING CONTROL IS SHOWN IN THE ROOM OR SPACE.
- IT IS STRONGLY RECOMMENDED THAT ALL BIDDERS VISIT AND EXAMINE THE SITE. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH ALL CONDITIONS UNDER WHICH WORK MUST BE PERFORMED AND CHECK ALL PRESENT ELEVATIONS. THE CONTRACTOR SHALL REPORT ANY MAJOR DISCREPANCIES TO THE ARCHITECT. FAILURE TO DO SO SHALL BE DEEMED AS ACCEPTANCE OF EXISTING CONDITIONS.
- REFER TO SPECIFICATIONS FOR REBATE REQUIREMENTS.

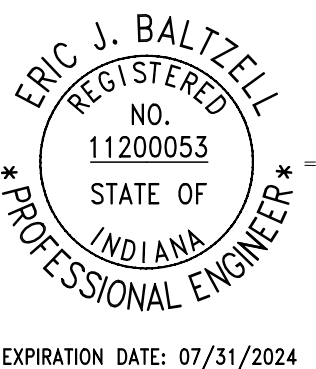
#### GENERAL ELECTRICAL DEMOLITION NOTES

- FIELD VERIFY ALL DIMENSIONS & CONDITIONS PRIOR TO START OF CONSTRUCTION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCY OR SITUATION DISCOVERED THAT DOES NOT CONFORM TO CONSTRUCTION DOCUMENTS.
- ALL WORK PERFORMED IS SUBJECT TO APPROVAL BY THE ARCHITECT AND OWNER. WORK FOUND TO BE UNSATISFACTORY SHALL BE REMOVED AND PROPERLY REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- ALL ITEMS AND MATERIAL NOTED AS "REMOVE" SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR OFF SITE. COORDINATE REMOVAL OF ITEMS WITH OWNER. OWNER HAS THE OPTION TO CLAIM ANY REMOVED ITEMS.
- TEMPORARILY SUPPORT ALL EQUIPMENT, CONDUIT, ETC. AS REQUIRED UNTIL FINAL SUPPORTS ARE IN PLACE.
- CLOSELY COORDINATE ALL WORK WITH THE OWNER AND WITH ALL OTHER CONTRACTORS HIRED BY THE OWNER. CLARIFY IN ADVANCE ANY QUESTIONS AS TO SCOPE OF WORK AND AREAS OF RESPONSIBILITY.
- CONDUITS, BOXES, AND CIRCUIT BREAKERS MAY BE REUSED WHERE POSSIBLE, IF NOT, MODIFY AS NEEDED FOR NEW WORK.
- DIV. 26 SHALL PULL ALL WIRE AND CAP CONDUIT TO ALL CIRCUITS DISCONNECTED AND NOT REUSED.
- ALL ABANDONED WIRING ABOVE CEILING SHALL BE REMOVED PER THE REQUIREMENTS OF THE NEC.

#### AUTOMATIC LIGHTING CONTROL GENERAL NOTES

- ALL SENSOR LOCATIONS ARE APPROXIMATE. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION. IF PENDANT MOUNTED FIXTURES ARE PRESENT, LOCATION AND COVERAGE OF SENSORS SHOULD BE REVIEWED.
- ULTRASONIC CEILING MOUNT SENSORS REQUIRE THEY BE LOCATED NO CLOSER THAN 6'-0" TO AIR SUPPLY / RETURN REGISTERS.
- CONTRACTOR IS RESPONSIBLE FOR PROPER SENSITIVITY AND TIME DELAY SETTINGS. VERIFICATION OF MANUFACTURER'S RECOMMENDED PLACEMENT, AND FIELD VERIFICATION OF CIRCUITS WITH RESPECT TO POWER PACK PLACEMENT.
- CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF REQUIRED NUMBER OF POWER PACKS.  
A.) ONE POWER PACK IS REQUIRED FOR EACH CONTROL/TOGGLE SWITCH.  
B.) MAXIMUM NUMBER OF SENSORS THAT CAN BE WIRED IN PARALLEL TO A SINGLE POWER PACK IS DEPENDENT ON SENSOR MODEL (SEE INDIVIDUAL DATA SHEETS FOR MA CONSUMPTION).
- EQUALS BY LEGRAND AND SENSOR SWITCH.

ALTERNATE SUMMARY	
ALTERNATE #	ALTERNATE DESCRIPTION
1	NEW HAVEN: REPLACE CEILING GRID AND PADS, PROVIDE LED LIGHTS, PROVIDE OCCUPANCY SENSORS, PROVIDE DIMMING AND CONTROL.
2	NEW HAVEN: REPLACE CEILING GRID AND PADS, PROVIDE LED LIGHTS, PROVIDE OCCUPANCY SENSORS, PROVIDE DIMMING AND CONTROL.
3	NEW HAVEN: REPLACE CEILING GRID AND PADS, PROVIDE LED LIGHTS, PROVIDE OCCUPANCY SENSORS, PROVIDE DIMMING AND CONTROL.
4	LEO: REPLACE CEILING GRID AND PADS WHERE INDICATED ON ARCHITECTURAL SHEETS.
5	NEW HAVEN & LEO: REPLACE EXIT SIGNS AND EMERGENCY LIGHTS AS INDICATED ON LIGHTING SHEET.



## EACS NEW HAVEN PRIMARY, LEO ELEMENTARY AND CEDARVILLE LIGHTING REPLACEMENT

1445 BERNICK LANE, NEW HAVEN, INDIANA 46775 (NEW HAVEN) / 3451 WAYNE STREET, LEO, INDIANA 46765 (LEO) / 121235 HARBORVIEW RD, EOTI WAYNE, INDIANA 46686 (CEDARVILLE)

#### ISSUANCES/REVISIONS

BID DOCUMENTS	02/07/2024
ADDENDUM #1	02/19/2024

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
23085.00	AEM	KCR

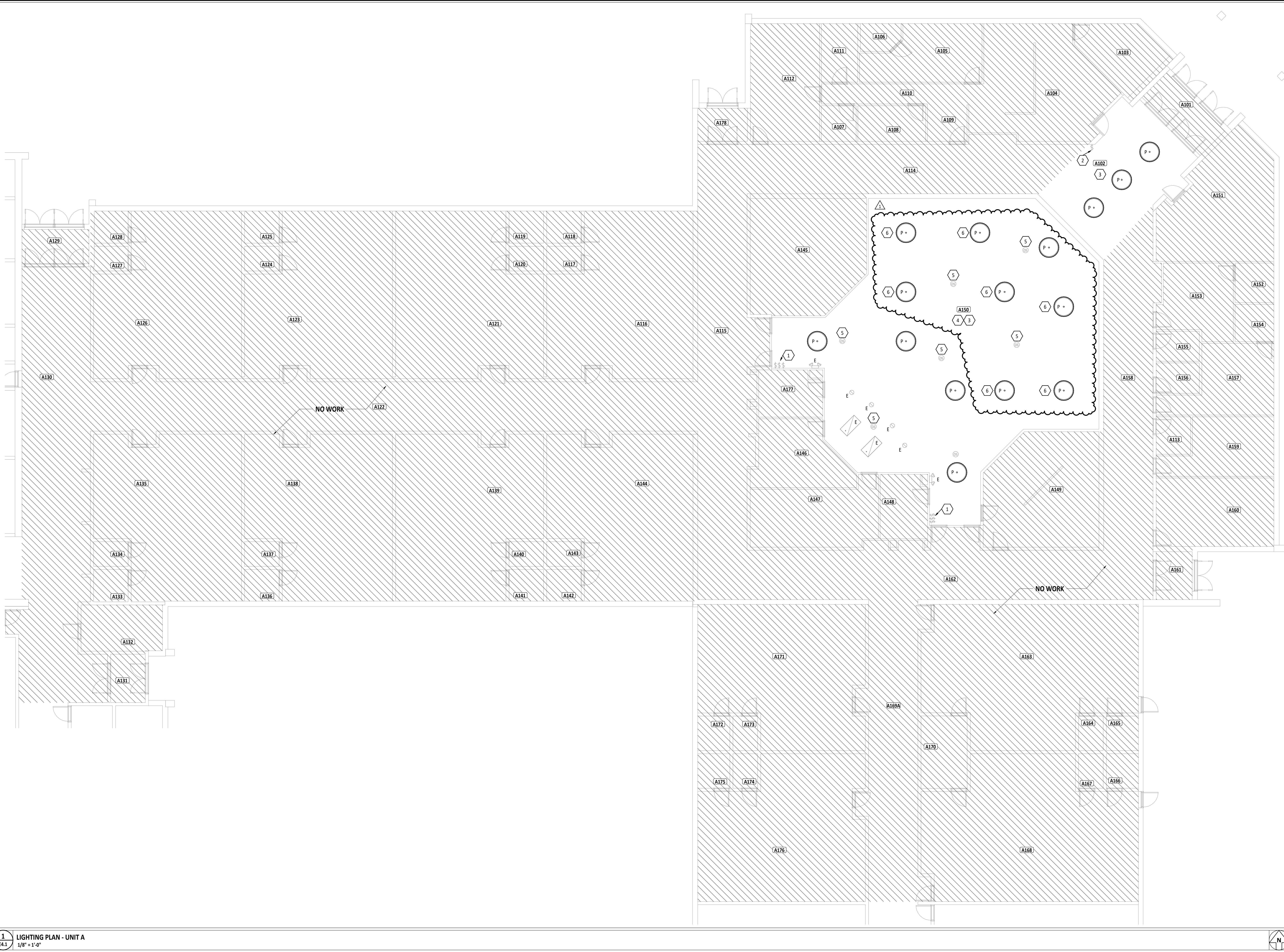
SHEET TITLE:

GENERAL NOTES,  
ABBREVIATIONS,  
LEGENDS, &  
SCHEDULES

SHEET NUMBER:

E1.1

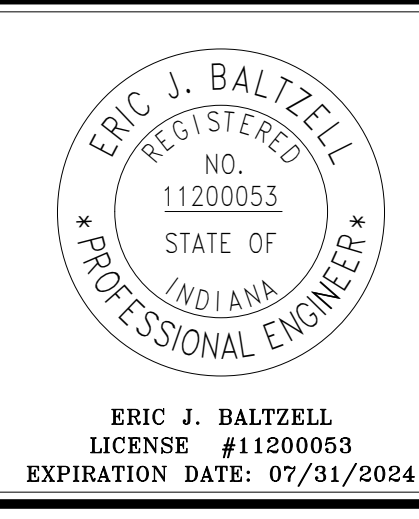
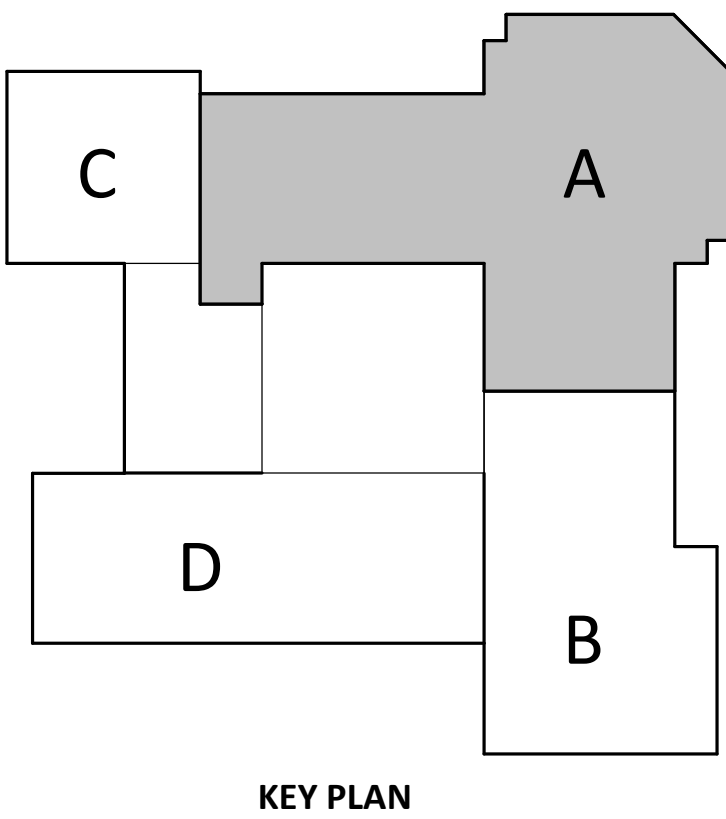




1  
E4.1  
LIGHTING PLAN - UNIT A  
1/8" = 1'-0"

#	KEYNOTE DESCRIPTION
1	EXISTING WALL SWITCHES TO REMAIN.
2	EXISTING KEYED WALL SWITCH TO REMAIN.
3	PENDANT LIGHTS IN THIS ROOM ARE A ONE-FOR-ONE REPLACEMENT UTILIZING EXISTING FIXTURE LOCATIONS, UNO. CONNECT TO EXISTING LIGHTING CIRCUIT. REFERENCE LUMINAIRE SCHEDULE FOR FIXTURE INFORMATION.
4	LIGHT FIXTURES TAGGED 'E' IN THIS ROOM ARE EXISTING TO REMAIN.
5	EXISTING OCCUPANCY SENSOR TO REMAIN.
6	PENDANT LIGHT MOUNTED IN SLOPED CEILING. COORDINATE MOUNTING REQUIREMENTS AS NECESSARY TO HANG FIXTURE LEVEL.

FIRST FLOOR PLAN ROOM INDEX - UNIT A		
ROOM NUMBER	ROOM NAME	AREA
A101	VESTIBULE	117 SF
A102	LOBBY	500 SF
A103	PRINCIPAL	175 SF
A104	RECEPTION	533 SF
A105	CLINIC	246 SF
A106	TOILET	44 SF
A107	TOILET	51 SF
A108	WORKROOM	99 SF
A109	MAIL	60 SF
A110	CORRIDOR	135 SF
A111	STORAGE	88 SF
A112	CONFERENCE	334 SF
A113	CUSTODIAL	53 SF
A114	CORRIDOR	675 SF
A115	CORRIDOR	1,008 SF
A116	CLASSROOM	894 SF
A117	TOILET	35 SF
A118	TOILET	46 SF
A119	TOILET	46 SF
A120	TOILET	35 SF
A121	CLASSROOM	905 SF
A122	CORRIDOR	1,330 SF
A123	CLASSROOM	905 SF
A124	TOILET	35 SF
A125	TOILET	46 SF
A126	CLASSROOM	905 SF
A127	TOILET	34 SF
A128	TOILET	45 SF
A129	VESTIBULE	94 SF
A130	CORRIDOR	956 SF
A131	VESTIBULE	69 SF
A132	CUSTODIAL	155 SF
A133	TOILET	46 SF
A134	TOILET	35 SF
A135	CLASSROOM	903 SF
A136	TOILET	45 SF
A137	TOILET	35 SF
A138	CLASSROOM	902 SF
A139	CLASSROOM	902 SF
A140	TOILET	35 SF
A141	TOILET	45 SF
A142	TOILET	45 SF
A143	TOILET	35 SF
A144	CLASSROOM	891 SF
A145	STORY AREA	523 SF
A146	OFFICE/WORKROOM	230 SF
A147	TECHNOLOGY	312 SF
A148	SMALL GROUP	122 SF
A149	COMPUTER LAB	511 SF
A150	IMC	2,860 SF
A151	COMMUNITY ROOM	486 SF
A152	OFFICE	63 SF
A153	SPEECH	214 SF
A154	OFFICE	60 SF
A155	MEN	53 SF
A156	WOMEN	54 SF
A157	GUIDANCE	250 SF
A158	CORRIDOR	666 SF
A159	CONFERENCE	229 SF
A160	STAFF WORKROOM	331 SF
A161	VESTIBULE	71 SF
A162	CORRIDOR	895 SF
A163	LO/VEH	1,118 SF
A164	TOILET	35 SF
A165	TOILET	46 SF
A166	TOILET	46 SF
A167	TOILET	35 SF
A168	KINDERGARTEN	1,132 SF
A169A	CORRIDOR	1,330 SF
A170	STORAGE	138 SF
A171	CLASSROOM	893 SF
A172	TOILET	46 SF
A173	TOILET	35 SF
A174	TOILET	35 SF
A175	TOILET	46 SF
A176	CLASSROOM	905 SF
A177	STORAGE	118 SF
A178	VESTIBULE	68 SF



# EACS NEW HAVEN PRIMARY, LEO ELEMENTARY AND CEDARVILLE LIGHTING REPLACEMENT

1446 SERVICE LANE, NEW HAVEN, INDIANA 46778 | 975 W. HARTZ RD., LEO, INDIANA 46036 | 12222 HARRIS ST. RD., FORT WAYNE, INDIANA 46804 (EDGARVILLE)

ISSUANCES/REVISIONS	
BID DOCUMENTS	02/07/2024
1. ADDENDUM #1	02/15/2024

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
23085.00	AEM	KCR

SHEET TITLE:  
**CEDARVILLE - FIRST FLOOR ELECTRICAL PLAN - UNIT A**

SHEET NUMBER:  
**E4.1**