ADDENDUM NO. 1

April 28, 2025

LOWELL HIGH SCHOOL IMPROVEMENTS 2025
Lowell, IN 46356

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated April 11, 2025 by Gibraltar Design, Inc. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 1-1 through ADD 1-2, revised Specification Section 00 31 00 – Bid Form, revised Specification Section 01 23 00 – Alternates, and attached Addendum No. 1 from Gibraltar Design, Inc. dated April 25, 2025 and consisting of 2 pages, Specification Section 26 50 12 – Lighting Controls and Accessories, and 54 drawings.

A. SPECIFICATION SECTION 00 00 20 – TABLE OF CONTENTS

1. **Add:**

   a. Specification Section 26 50 12 – Lighting Controls and Accessories

B. SPECIFICATION SECTION 00 31 00 - BID FORM

1. **Replace:**

   Specification 00 31 00 - Bid Form with the attached revised section

C. SPECIFICATION SECTION 01 12 00 – MULTIPLE CONTRACT SUMMARY

B. BID CATEGORY NO. 03 - ELECTRICAL

1. **Add:**

   a. Specification Section 26 50 12 – Lighting Controls and Accessories

D. <u>SPECIFICATION SECTION 01 23 00 - ALTERNATES</u>

1. **Replace:**

   Specification Section 01 23 00 - Alternates with the attached revised section

CONTRACTOR'S BID FOR PUBLIC WORKS FORM NO. 96

Format (Revised 2013)
(Amended for TCSC)

Lowell High School Improvements 2025

Tri-Creek School Corporation

Lowell, IN

PART I

(To be completed for all bids. Please type or print)

Date (month, day, year):_____

BIDDER (Firm) _____

Address _____ P.O. Box _____

City/State/Zip _____

Telephone Number: _____ Email Address: _____

Person to contact regarding this Bid_____

Pursuant to notices given, the undersigned offers to furnish labor and/or materials necessary to complete the public works project of:

_____

Insert Category No. (s) and Name(s)

Of public works project, ***Lowell High School Improvements 2025***, in accordance with Plans and Specifications prepared by ***Gibraltar Design, 9202 North Meridian Street, Suite 300, Indianapolis, IN 47708***, as follows:

BASE BID

For the sum of _____

(Sum in words)

_____DOLLARS ($_____)

(Sum in figures)

The undersigned acknowledges receipt of the following Addenda:
Receipt of Addenda No. (s) _____

PROPOSAL TIME

Bidder agrees that this Bid shall remain in force for a period of sixty (60) consecutive calendar days from the due date, and Bids may be accepted or rejected during this period. Bids not accepted within said sixty (60) consecutive calendar days shall be deemed rejected.

Attended pre-bid conference YES _____ NO_____

Has visited the jobsite YES _____ NO_____

The Bidder has reviewed the Guideline Schedule in Section 01 32 00 and the intent Of the schedule can be met.

YES _____ NO_____

Bidder has included their Written Drug Testing Plan that covers all employees of the bidder who will perform work on the public work project and meets or exceeds the requirements set in IC 4-13-18-5 or IC 4-13-18-6.

YES _____ NO_____

The Skillman Corporation's diversity initiative is to create a program to encourage, assist and measure the active participation of Minority- Owned, Women-Owned, Veteran – Owned and Disabled Individual-Owned Businesses. The Program is to ensure that MWVDBEs are provided full and equal opportunity to participate in all Skillman Corporation's Projects.

Bidder has included:

DBE:	YES _____%	NO _____
MBE:	YES _____%	NO _____
WBE:	YES _____%	NO _____
VBE:	YES _____%	NO _____

The undersigned further agrees to furnish a bond or certified check with this Bid for an amount specified in the Notice to Bidders. If Alternate Bids apply, submit a proposal for each in accordance with the Plans and Specifications.

If additional units of material included in the contract are needed, the cost of units must be the same as that shown in the original contract if accepted by the governmental unit. If the bid is to be awarded on a unit bases, the itemization of the units shall be shown on a separate attachment.

The contractor and his subcontractors, if any, shall not discriminate against or intimidate any employee, or applicant for employment, to be employed in the performance of this contract, with respect to any matter directly or indirectly related to employment because of race, religion, color, sex, national origin, or ancestry. Breach of this covenant may be regarded as a material breach of the contract.

CERTIFICATION OF USE OF UNITED STATES STEEL PRODUCTS
(if applicable)

I, the undersigned bidder, or agent as a contractor on a public works project, understand my statutory obligation to use steel products made in the United States (I.C. 5-16-8-2). I hereby certify that I and all subcontractors employed by me for this project will use U.S. steel on this project if awarded. I understand that violations hereunder may result in forfeiture of contractual payments.

ALTERNATE BIDS

A blank entry or an entry of "No Bid", "N/A", or similar entry on any Alternate will cause the bid to be rejected as non-responsive only if that Alternate is selected. If no change in the bid amount is required, indicate "No Change".

****MARK "ADD" OR "DEDUCT" FOR EACH ALTERNATE****

Alternate Bid No. 1 – Clean and Paint Existing Roof Edge/Fascia

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

Alternate Bid No. 2 – Remove Existing Roof Edge Fascia and Coping, Replace with New/ Install New Flashing Membrane

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

Alternate Bid No. 3 – Modify Existing Controls and Circuiting for New Lighting Fixtures

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

Alternate Bid No. 4 – Replace Gymnasium Light Switches with New 3 and 4-Way Light Switches

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

Alternate Bid No. 5 – Replace Gymnasium Light Switches with New Wall Dimmers

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

Alternate Bid No. 6 – Remove/Install New Chilled Water Distribution Pumps (Unit C Mechanical Room)

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

Alternate Bid No. 7 – Provide Room Occupancy Sensors by Acuity Brand (Lowell High School)

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

Alternate Bid No. 8 – Provide Dimmers by Acuity Brand (Lowell High School)

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

Alternate Bid No. 9 – Provide LED Lighting Fixtures and Accessories by Acuity Brand (Lowell High School)

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS ($_____) ADD / DEDUCT
(sum in figures)

Alternate Bid No. 10 – Provide Lighting Controls and Accessories by Acuity Brand (Lowell High School)

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS ($_____) ADD / DEDUCT
(sum in figures)

Alternate Bid No. 11 – Lowell Middle School Lighting Upgrades

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS ($_____) ADD / DEDUCT
(sum in figures)

Alternate Bid No. 12 – Provide Room Occupancy Sensors by Acuity Brand (Lowell Middle School)

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS ($_____) ADD / DEDUCT
(sum in figures)

Alternate Bid No. 13 – Provide Dimmers by Acuity Brand (Lowell Middle School)

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS ($_____) ADD / DEDUCT
(sum in figures)

Alternate Bid No. 14 – Provide LED Lighting Fixtures and Accessories by Acuity Brand (Lowell Middle School)

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD / DEDUCT
(sum in figures)

Alternate Bid No. 15 – Provide Lighting Controls and Accessories by Acuity Brand (Lowell Middle School)

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD / DEDUCT
(sum in figures)

PART II

(For projects of $150,000 or more – IC 36-1-12-4)

These statements to be submitted under oath by each bidder with and as a part of his bid. (Attach additional pages for each section as needed.)

SECTION I EXPERIENCE QUESTIONNAIRE

1. What public works projects has your organization completed for the period of one (1) year prior to the date of the current bid?

Contract Amount	Class of Work	Completion Date	Name and Address of Owner

2. What public works projects are now in the process of construction by your organization?

Contract Amount	Class of Work	Completion Date	Name and Address of Owner

3. Have you ever failed to complete any work awarded to you?_____If so, where and why?

_____

_____

_____

4. List references from private firms for which you have performed work.

_____

_____

_____

SECTION II PLAN AND EQUIPMENT QUESTIONNAIRE

1. Explain your plan or layout for performing proposed Work. (Examples could include a narrative of when you could begin, complete the project, number of workers, etc. and any other information which you believe would enable the governmental unit to consider your bid.)

2. Please list the names and addresses of all subcontractors (i.e. persons or firms outside your own firm who have performed part of the work) that you have used on public works projects during the past five (5) years along with a brief description of the work done by each subcontractor.

3. If you intend to sublet any portion of the work, state the name and addresses of each subcontractor, equipment to be used by the subcontractor, and whether you will require a bond. However, if you are unable to currently provide a listing, please understand a listing must be provided prior to contract approval. Until the completion of the proposed project, you are under a continuing obligation to immediately notify the governmental unit in the event that you subsequently determine that you will use a subcontractor on the proposed project.

4. What equipment do you have available to use for the proposed Project? Any equipment used by subcontractors may also be required to be listed by the governmental unit.

5. Have you entered into contracts or received offers for all materials which substantiate the prices used in preparing your proposal? If not, please explain the rationale used which would corroborate the prices listed.

SECTION III CONTRACTOR'S FINANCIAL STATEMENT

Attachment of Bidder's financial statement is mandatory. Any Bid submitted without said financial statement as required by statute shall thereby be rendered invalid. The financial statement provided hereunder to the governing body awarding the Contract must be specific enough in detail so that said governing body can make a proper determination of the Bidder's capability for completing the Project if awarded.

SECTION IV CONTRACTOR NON-COLLUSION AFFIDAVIT

The undersigned Bidder or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this Bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He further says that no person or persons, firms, or corporations has, have, or will receive directly or indirectly, any rebate, fee, gift, commission, or thing of value on account of such contract.

SECTION V OATH AND AFFIRMATION

I HEREBY AFFIRM UNDER THE PENALTIES OF PERJURY THAT THE FACTS AND INFORMATION CONTAINED IN THE FOREGOING BID FOR PUBLIC WORKS ARE TRUE AND CORRECT

Dated at _____this _____ day of _____, 20

_____
(Name of Organization)

By

_____

_____
(Title of Person Signing)

ACKNOWLEDGEMENT

STATE OF _____)
) SS:
COUNTY OF _____)

Before me, a Notary Public, personally appeared the above-named

_____

Swore that the statements contained in the foregoing document are true and correct.

Subscribed and sworn to before me this _____ day of _____,

_____
(Title)

_____
Notary Public

My Commission Expires: _____

County of Residence: _____

END OF SECTION 00 31 00

SECTION 01 23 00 - ALTERNATES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including amended General Conditions and other Division 1 Specification Sections, apply to work of this Section.

1.02 PURPOSE

A. The Bids for the Alternates described herein are required in order for the Owner to obtain information necessary for the proper consideration of the Project in its entirety.

1.03 ALTERNATES

A. Definitions: Alternates are defined as alternate products, materials, equipment, installations or systems for the Work, which may, at Owner's option and under terms established by Instructions to Bidders, be selected and recorded in the Owner-Contractor Agreement to either supplement or displace corresponding basic requirements of Contract Documents. Alternates may or may not substantially change scope and general character of the Work; and must not be confused with "allowances", "unit prices", "change orders", "substitutions", and other similar provisions.

1.04 SCHEDULE OF ALTERNATES

A. ALTERNATE NO. 1: State the cost to clean and paint existing roof edge/fascia as indicated on the contract documents.

B. ALTERNATE NO. 2: State the cost to remove existing roof edge fascia and replace with new. Remove existing roof coping and replace with new. Install new flashing membrane.

C. ALTERNATE NO. 3: State the cost to modify the existing controls and circuiting for the new lighting fixtures (under Base Bid) in the Gymnasium.

D. ALTERNATE NO. 4: State the cost to replace the existing light switches with new 3 and 4-way light key operated light switches. Provide new wiring and connect them to the new circuits in the Gymnasium as indicated on the contract documents.

E. ALTERNATE NO. 5: State the cost to replace the existing light switches with new wall dimmers as indicated on the contract documents. Provide new wiring and connect them to the new circuits. Provide the appropriate hinged wire guard to protect the wall dimmers from unauthorized use.

F. ALTERNATE NO. 6: State the cost to remove existing and install new chilled water distribution pumps and variable frequency drives in Unit C Mechanical Room.

G. ALTERNATE NO. 7: Regarding Lowell High School, state the cost to provide room occupancy sensors as specified in Section 26 09 24 – Room Occupancy Sensors, manufactured by Acuity brand, if not already included in your Base Bid.

H. ALTERNATE NO. 8: Regarding Lowell High School, state the cost to provide dimmers as specified in Section 26 09 36 – Dimmers, manufactured by Acuity brand, if not already included in your Base Bid.

I. ALTERNATE NO. 9: Regarding Lowell High School, state the cost to provide LED lighting fixtures and accessories as specified in Section 26 51 00 – LED Lighting Fixtures and Accessories, manufactured by Acuity brand, if not already included in your Base Bid.

J. ALTERNATE NO. 10: Regarding Lowell High School, state the cost to provide lighting controls and accessories as specified in Section 26 50 12 – Lighting Controls and Accessories, manufactured by Acuity brand, if not already included in your Base Bid.

K. ALTERNATE NO. 11: State the cost to provide lighting upgrades at Lowell Middle School as indicated on the construction documents.

L. ALTERNATE NO. 12: Regarding Lowell Middle School, state the cost to provide room occupancy sensors as specified in Section 26 09 24 – Room Occupancy Sensors, manufactured by Acuity brand, if not already included in your Base Bid.

M. ALTERNATE NO. 13: Regarding Lowell Middle School, state the cost to provide dimmers as specified in Section 26 09 36 – Dimmers, manufactured by Acuity brand, if not already included in your Base Bid.

N. ALTERNATE NO. 14: Regarding Lowell Middle School, state the cost to provide LED lighting fixtures and accessories, as specified in Section 26 51 00 – LED Lighting Fixtures and Accessories, manufactured by Acuity brand, if not already included in your Base Bid.

O. ALTERNATE NO. 15: Regarding Lowell Middle School, state the cost to provide lighting controls and accessories as specified in Section 26 50 12 – Lighting Controls and Accessories, manufactured by Acuity brand, if not already included in your Base Bid.

PART 2 - PRODUCTS, PART 3 - EXECUTION (Not Used)

END OF SECTION 01 23 00

ADDENDUM ONE

Addendum One (AD.01) to the drawings and specifications prepared by Gibraltar Design for **Lowell High School Improvements 2025** for Tri-Creek School Corporation, Lowell, Indiana.

All Contractors bidding on this project shall read all of the items covered below and shall comply with all of the requirements as set forth, including any necessary refinements or additions generated by this Addendum and required by the intent of the original contract documents. All Contractors shall acknowledge on their bid form that they have received this Addendum and include the appropriate content of same within their bid proposal.

SPECIFICATIONS

1. **Specification Section 00 01 00 Table of Contents**
   A. Add new Specification Section 26 50 12, Lighting Controls and Accessories, to Division 26 on the Table of Contents.
2. **Specification Section 26 50 12 Lighting Controls and Accessories**
   A. Add Specification Section 26 50 12, Lighting Controls and Accessories, included in this Addendum, to the Project Manual.

DRAWINGS

For each sheet listed in this Addendum, refer to attached full size drawing sheet(s) for revisions, unless noted otherwise.

1. **Sheet G-101**
   A. Refer to revised full-size drawing included in this Addendum for the revisions to the sheet index including adding the sheets for the Middle School Alternate.
2. **Sheets ED101 - ED115 and ED117**
   A. Refer to revised full size drawings included in this Addendum for the revisions which includes modifying some plan notes to clarify the alternate bids and modifying the Corridor Controls.
3. **Sheet ED118**
   A. Added new sheet to show demo of high cove lighting fixtures in Corridors which includes modifying some plan notes to clarify the alternate bids and modifying the Corridor Controls.
4. **Sheet E-101 - E-115 and E117**
   A. Refer to revised full size drawings included in this Addendum for the revisions which includes modifying some plan notes to clarify the alternate bids and modifying the Corridor Controls.
5. **Sheet E-103A**
   A. Refer to revised full size drawing included in this Addendum for the revision, which includes modifying the lighting controls for the Gymnasium.

6. **Sheet E-118**

   A. Added new sheet to show new high cove lighting fixtures and controls.

7. **Sheets ED101A - ED105A, ED108A - ED110A, E101A - E105A, E-108A - E111A, AND E-601A – E-602A**

   A. Refer to new sheets added in this Addendum for Middle School Alternate for new lighting upgrades.

Pages 1 and 2, inclusive, spec section 26 50 12, and Fifty-four (54) Full-Size Drawings, constitute the total makeup of **Addendum One**.

GIBRALTAR DESIGN

Joseph P. Briggs

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DIVISION 26 – ELECTRICAL
Section 26 50 12 – Lighting Controls and Accessories

1.00 PART 1 - GENERAL

1.01 SUMMARY:

A. Section Includes:

1. System Software Interfaces.

2. System Backbone and Integration Equipment.

3. Wired Networked Devices.

4. Wireless Networked Devices.

B. Related Requirements:

1. Div. 26: Section 26 00 05 "Basic Electrical Requirements" for additional abbreviations, definitions, submittals, qualifications, testing agencies, and other Project requirements applicable to Work specified in this Section.

2. Section 26 27 26 "Wiring Devices" for wired switches and dimmers and other Project requirements applicable to Work specified in this Section.

1.02 DEFINITIONS:

A. Data Bus: A wired interface used to communicate with connected devices.

B. Device: A collective term for bus or wireless connected devices, including fluorescent ballasts, LED drivers, incandescent luminaires, manual switches, switching relays, sensors, and similar.

C. Global: Communication between devices in otherwise separate spaces using a bridging device or system controller.

D. Group: A set of devices that communicate together.

E. Monitoring: Acquisition, processing, communication, and display of equipment status data, metered electrical parameter values, power quality evaluation data, event and alarm signals, tabulated reports, and event logs.

F. Scene: Digital light level associated with a preset.

G. System Backbone: Devices used to connect and manage otherwise separate spaces, including bridging devices and gateways or system controllers. Used to expose devices to software configuration via TCP/IP.

1.03 PREINSTALLATION MEETINGS:

A. Preinstallation Conference: Conduct conference at Lowell High School, TriCreek School Corporation, Lowell, Indiana, project construction trailer.

B. Preinstallation Coordination Meeting(s): For digital-network lighting controls. Conduct meeting(s) at Project site before commencement of work (and submission of shop drawings.

1. Attendees: Installers, fabricators, representatives of manufacturers, and administrants for field tests and inspections. Schedule meetings in conjunction with the Architect and Construction Manager.

2. Engage factory-authorized service representative to attend preinstallation conference and review the submittal drawing, sequence of operation, and device installation best practices with Project team.

3. Engage factory-authorized service representative to perform cellular signal strength measurements during site walk through and compare to Project plans to verify the placement of cellular antennas and quantity of lighting control system RF access points.

1.04 ACTION SUBMITTALS:

A. Product Data:

1. Bill of Materials necessary to install the networked lighting control system.

2. Product Specification Sheets indicating general device descriptions, dimensions, electrical specifications, wiring details, and nomenclature.

3. Information Technology (IT) connection information pertaining to interconnection with facility IT networking equipment and third-party systems.

4. Other Diagrams and Operational Descriptions - as needed to indicate system operation or interaction with other system(s).

B. Shop Drawings:

1. Riser Diagrams showing device wiring connections of system backbone and typical per room/area type.

1.05 INFORMATIONAL SUBMITTALS:

A. Contractor Startup/Commissioning Worksheet.

B. Service Specification Sheets indicating general service descriptions, including startup, training, post-startup support, and service contract terms.

C. Field quality-control reports.

D. Sample Warranty: For manufacturer's special warranty.

1.06 CLOSEOUT SUBMITTALS:

A. Maintenance Contracts:

1. Hardware and Software Operation Manuals.

2. Maintenance service agreement.

3. Software service agreement.

B. Warranty documentation.

1.07 QUALITY ASSURANCE:

A. Manufacturer Qualifications:

1. Phone Support: Toll-free technical support available from manufacturer through an online tool to schedule a technical support appointment and provide 24/7 emergency support.

2. Remote Support: Manufacturer capable of providing remote support and ability to virtually connect with customers to address issues with visual guidance overlaid on images of real-world objects.

3. Cellular Connectivity: Manufacturer capable of cellular connectivity to a networked lighting control systems available to provide remote support within the continental United States.

4. On-Site Support: Manufacturer capable of providing a 72-hour, on-site response time within the continental United States.

5. Service Contracts: Manufacturer capable of providing service contracts for continued on-site and remote support of the lighting control system post-installation for terms up to 10 years from substantial completion, including:

a. Remote and on-site emergency response.

b. Remote system performance checks.

c. Remote diagnostics.

d. Replacement parts.

1.08 WARRANTY:

A. Warranty: Manufacturer and Installer warrant that installed lighting control devices perform in accordance with specified requirements and agree to repair or replace, including labor, materials, and equipment, devices that fail to perform as specified within extended warranty period.

1. Failures include, but are not limited to, the following:

a. Faulty operation of lighting control hardware.

b. Faulty operation of lighting control firmware.

c. Faulty operation or terminal devices or controlled luminaires.

2. Warranty Period: Five years from date of shipment.

2.00 PART 2 – PRODUCTS

2.01 SYSTEM COMPLIANCE:

A. System components manufactured in accordance with UL 916 and UL 924 standards where applicable.

B. System components manufactured in accordance with CFR Title 47, Part 15 standards where applicable.

C. System components manufactured in accordance with ISED Canada RSS-247 standards where applicable.

D. System components manufactured in accordance with IFT-008-2015 and NOM-208-SCFI-2016 standards where applicable.

E. System listed as qualified under DesignLights Consortium Networked Lighting Control System Specification v5.0.

F. Performance Criteria:

1. Regulatory Requirements:

a. Listed and labeled in accordance with NFPA 70, by qualified electrical testing laboratory recognized by authorities having jurisdiction, and marked for intended location and application.

2.02 SYSTEM PERFORMANCE REQUIREMENTS:

A. System Architecture:

1. System architecture based upon the following concepts:

a. Networkable intelligent lighting control devices.

b. Standalone lighting control zones using distributed intelligence.

c. Optional system backbone for remote, time-based, and global operation.

2. Intelligent lighting control devices with individually addressable network communication capability and having one or more basic lighting control components including: occupancy sensor, photosensor, relay, dimming output, contact closure input, analog 0-10 V(dc) input, and manual wall station capable of indicating switching, dimming, and/or scene control. Combining one or more of these components into a single device enclosure permissible to minimize overall system device count.

3. System capable of interfacing directly with networked luminaires such that either low-voltage network cabling or wireless RF communication is used to interconnect networked luminaires with control components such as sensors, switches, and system backbone.

4. Networked luminaires and intelligent lighting control devices support individual (unique) configuration of device settings and properties, with such configuration residing within the networked luminaires and intelligent control devices.

5. Lighting control zones consisting of one or more networked luminaires and intelligent lighting control devices capable of providing automatic control from sensors (occupancy and/or photosensor) and manual control from local wall stations without requiring connection to a higher-level system backbone.

    a. Lighting control zones (wired and wireless) support at least 128 devices per zone.

    b. Capable of being networked with a higher-level system backbone to provide time-based control, control from inputs or systems external to control zone, and remote configuration and monitoring through a software interface.

6. Networked luminaires and intelligent lighting control devices with distributed intelligence programming stored in non-volatile memory, such that following any loss of power the lighting control zones operate according to their defined default settings and sequence of operations.

7. System to include one or more system controllers that provide time-based control.

8. System controller provides means of connecting the lighting control system to a system software interface and building management systems via BACnet/IP or BACnet MS/TP protocol.

9. System controller supports both low-voltage wired and wireless RF communication within a single controller device.

10. System devices support firmware update, either remotely or from within the application space, for purposes of upgrading functionality at a later date.

11. System capable of reporting lighting system events and performance data to management software for display and analysis.

B. Wired Networked Control Zone Characteristics:.

1. Connections to devices within a wired networked lighting control zone and to backbone components accomplished with a single type of low-voltage network cable, compliant with CAT5e specifications or higher. Use of mixed types of low-voltage network cables is unacceptable. Wired devices shall be utilized only where necessary based upon facility and equipment characteristics. It is anticipated that the majority of this installation shall be wireless products.

2. Devices connected in "daisy-chain" topology. "Hub-and-spoke" topology, requiring all individual networked devices to be connected to a central component, is

unacceptable, to reduce the total amount of network cable required for each control zone.

3. Pre-terminated, plenum-rated, low-voltage network cabling supplied with hardware.

4. Following proper installation and provision of power, all networked devices connected with low-voltage network cable must automatically form a functional lighting control zone without requiring any type of programming, regardless of the programming mechanism (e.g. software application, handheld remote, pushbutton).

    a. The "out of box" default sequence of operation is intended to provide typical sequence of operation to minimize the system startup and programming requirements and to also have functional lighting control operation prior to system startup and programming.

5. System software capable of automatic discovery of all connected devices without requiring any provisioning of system or zone addresses.

6. Networked devices capable of detecting improper communication wiring and LED notification to alert installation/startup personnel.

7. Networked control devices suitable for control of egress or emergency light sources without additional, externally mounted UL 924 shunting or 0-10 V(dc) disconnect devices, to provide a compliant sequence of operation while reducing the overall installation and wiring costs of the system. Capable of supporting the following sequence of operation.

    a. Low-Voltage Power Sensing: Devices automatically provide 100 percent light level upon detection of loss of power sensed via low-voltage network cable connection where applicable.

    b. Line-Voltage Power Sensing: Devices listed as UL 924 emergency relays which automatically close load-control relay and provide 100 percent light output upon detection of loss of power sensed via line voltage connection to normal power.

8. Global Control Zones: Networked luminaires and intelligent lighting control devices located in different areas able to transmit and track information within at least 128 system-wide control zones to support required sequences of operation that may span multiple areas. Occupancy, photosensor inhibit, and switch commands available across multiple controllers.

9. Wired Networked Wall Station Scene-Control Capabilities. Please note it is anticipated that the majority of this installation shall be a wireless installation, with wired equipment used only where necessary due to restrictions based upon the existing facility construction and operational requirements.

    a. Preset Scenes that activate a specific combination of light levels across multiple local and global channels.

b. Local Profile Support: Profile Scenes that modify the sequence of operation for devices in the area (group) in response to a button press to dynamically optimize occupant experience and lighting energy usage.

1) Wall stations able to manually start and stop local profiles, or local profile capable of ending after a specific duration of time between five minutes and 12 hours.

2) Configurable Parameters.

a) Fixture light level.

b) Occupancy time delay.

c) Response to occupancy sensors (including enabling/disabling response).

d) Response to daylight sensors (including enabling/disabling response).

e) Enabling/disabling wall stations.

c. Three-Way or Multi-Way Control: Multiple wall stations capable of controlling the same local and global control zones, to support "multi-way" preset scene and profile scene control.

C. Wireless Networked Control Zone Characteristics:

1. No wired connections between networked devices required for the purposes of system communications.

2. Multiple wireless networking protocols supported:

a. Standards-based, distributed star topology type of protocol for 900 MHz communication, to support lighting control applications and IoT applications.

b. Bluetooth standard protocol for 2.4 GHz communication that supports direct connection to smartphone or tablet, to support device configuration, control applications, and IoT without requiring the use of a system backbone.

3. Wireless network must be self-healing, such that the loss of backbone or local communication between devices does not result in the loss of local control of lights in the space.

4. Wireless network communication must support uniform and instant response such that all luminaires in a lighting control zone respond immediately and synchronously in response to a sensor or wall station signal.

5. Communication of control signals from sensors and wall stations to networked luminaires and wireless load-control devices occur directly, without any communication, interpretation, or translation of information through a backbone device such as a wireless access point, communication bridge, or gateway.

6. All wireless communication between lighting control components supports the following five tiers of security measures.

    a. Data encryption.

    b. Firmware protection.

    c. Tamper-proof hardware.

    d. Authenticated user access.

    e. Mutual device authentication.

7. Wireless devices use AES encryption to secure communication with a unique encryption key generated for each programmed site.

8. Wireless devices use signed firmware to ensure that unmodified, authentic software is always installed.

9. Wireless networked devices capable of communicating a minimum distance of 150 ft. (45 m) between devices under typical site conditions accounting for typical environmental conditions and building construction materials encountered within commercial indoor lighting environments.

10. Minimum Line-of-Sight Communication Range: 1000 ft. (304 m) under ideal environmental conditions.

11. Wireless devices self-identify when communication to system controller cannot be accomplished or when communication to the system controller is lost.

    a. Self-identification not required for wireless switches or battery-powered devices.

12. Wireless devices self-establish connection to system controller through other devices if direct communication cannot be accomplished or when communication to system controller is lost.

    a. Communication path formation to utilize existing, wireless networked devices located between system controller and respective end devices.

    b. No additional hardware for formation of networked communication path between a system controller and end devices required.

    c. Automatic connection not required for wireless switches or battery-powered devices.

13. Networked control devices suitable for control of egress or emergency light sources without additional, externally mounted UL 924 shunting or 0-10 V(dc) disconnect devices, to provide a compliant sequence of operation while reducing the overall installation and wiring costs of the system. Capable of supporting the following sequence of operation:

a. Line-Voltage Power Sensing: Devices listed as UL 924 emergency relays that automatically close load-control relay and provide 100 percent light output upon detection of loss of power sensed via line voltage connection to normal power.

b. Normal-Power-Broadcast Sensing: Devices listed as UL 924 emergency relays that automatically close load-control relay and provide 100 percent light output upon loss of a wireless normal-power broadcast from devices connected to normal power.

D. System Integration Capabilities:

1. Capable of interface with third-party building management systems (BMS) to support two-way communication using BACnet/IP protocol, BACnet MS/TP protocol, and RESTful API including the following system integration capabilities:

a. "Write" messages for control of individual devices, including control of relay and dimming output.

b. "Write" messages for control of groups of devices through a single command, including control of relay and dimming output of all devices.

c. "Read" messages for individual device status information.

1) Available status will vary based on device type and capabilities, which may include relay state, dimming output, power measurement, occupancy sensor status, and photosensor light measurement.

d. "Read" messages for group status information for occupancy, relay state, and dimming output.

e. Activation of pre-defined system Global Profiles.

2. Activation of Global Profiles from third-party systems via dry contact closure output signals or digital commands via RS-232 or RS-485.

3. Activation of demand response levels from Demand Response Automation Servers (DRAS) via OpenADR 2.0a protocol.

E. Supported Sequence of Operations:

1. Control Zones:

a. Local Control Zones: Networked luminaires and intelligent lighting control devices installed in an area (also referred to as a group of devices) capable of transmitting and tracking occupancy sensor, photosensor, and manual switch information within at least 48 unique control zones to support different and reconfigurable sequences of operation within area. These will also be referred to as local control zones.

b. Adjacent Control Zones: Networked luminaires and intelligent lighting control devices capable of tracking occupancy broadcasts from adjacent zones.

When this feature is enabled, luminaire output for a vacant zone will reduce to a configurable dimmed state if one or more adjacent zones are occupied. Luminaires will turn off when both primary and adjacent zones are vacant.

c. Global Control Zones: Networked luminaires and intelligent lighting control devices located in different areas able to transmit and track information within at least 128 system-wide control zones to support required sequences of operation that may span across multiple areas. Occupancy, photosensor inhibit, and switch commands available across multiple controllers.

2. Wall Station Capabilities:

a. Wall stations support the following capabilities:

1) On/Off of a local or global control zone.

2) Continuous dimming control of light level of a local or global control zone.

3. Occupancy Sensing Capabilities:

a. Occupancy sensors configurable to control a local or global zone.

b. Multiple occupancy sensors capable of controlling the same local or global zones. This capability combines occupancy sensing coverage from multiple sensors without consuming multiple control zones.

c. Occupancy sensing sequence of operation modes:

1) On/Off Occupancy Sensing.

2) Partial-On Occupancy Sensing.

3) Partial-Off Occupancy Sensing.

4) Vacancy Sensing (Manual-On / Automatic-Off).

d. On/Off, Partial-On, and Partial-Off Occupancy Sensing Modes Sequence of Operation:

1) Occupancy automatically turn lights on to a designated level when occupancy is detected. Designated occupied light level support at least 100 dimming levels.

2) Occupancy sensors automatically turn lights off or to a dimmed state (Partial-Off) when vacancy occurs or if sufficient daylight is detected. Designated unoccupied dim level support at least 100 dimming levels.

3) System capable of combining Partial-Off and Full-Off operation by dimming lights to a designated level when vacant and turning the lights off completely after an additional time delay.

4) Photosensor readings, if enabled in occupancy sensing control zone, automatically adjust light levels during occupied or unoccupied conditions as necessary.

5) Wall station activation changes the dimming level or turn lights off as selected by the occupant. Lights optionally remain in this manually specified light level until the zone becomes vacant. Upon vacancy, normal sequence of operation resumes.

e. Vacancy Sensing or Manual-On/Automatic-Off Mode Sequence of Operation.

1) Activation of a wall station is required turn lights on. System capable of programming the zone to turn on to either a designated light level or previous user-set light level. Initially occupying the space without using a wall station must not result in lights turning on.

2) Occupancy sensors automatically turn lights off or to a dimmed state (Partial-Off) when vacancy occurs or if sufficient daylight is detected. Designated unoccupied dim level support at least 100 dimming levels.

3) System capable of dimming the lights when vacant and then turning the lights off completely after an additional time delay.

4) System capable of an "automatic grace period" immediately following detection of vacancy, during which time any detected occupancy results in the lights reverting to the previous level. After the grace period has expired, the use of a wall station is required to turn lights on.

5) Photosensor readings, if enabled in the Occupancy Sensing control zone, capable of automatically adjusting the light level during occupied or unoccupied conditions as necessary.

6) Wall station interaction changes the dimming level or turn lights off as selected by occupant. Lights remain at manually specified light level until zone becomes vacant; normal sequence of operation resumes upon vacancy.

f. Occupancy time delays before dimming or shutting off lights separately programmable for all control zones from 15 seconds to 2 hours.

4. Photosensor Sensing Capabilities (Automatic Daylight Sensing):

a. Photosensor devices configurable to control a local zone.

b. Photosensor-Based Control:

1) Continuous Dimming: Control zone automatically adjusts dimming output in response to photosenor readings, to maintain a minimum light level consisting of both electric light and daylight sources. Photosensor response configurable to adjust set point and dimming rates.

5. Schedule Capabilities:

a. System capable of time schedules for time-of-day to override devices including offsets from dusk and dawn.

b. System capable of providing a visible "blink warning" five minutes prior to the end of the schedule.

c. Wall stations may be programmed to provide timed extensions/overrides that turn the lights on for an additional time period.

1) Timed override/extension duration programmable for each individual device, zone of devices, or customized group of devices, from five minutes to 12 hours.

6. Global Profile Capabilities:

a. System capable of automatically modifying the sequence of operation for selected devices in response to any of the following:

1) Time-of-day schedule.

2) Contact closure input state.

3) Manually triggered wired wall station input.

4) RS-232/RS-485 command to wired input device.

5) BACnet input command.

b. Global Profile Capabilities:

1) Global Profiles stored within and executed from the system controller (via internal timeclock). Dedicated software host or server is not required to be online to support automatic scheduling and/or operation of Global Profiles.

2) Global Profile time-of-day schedules capable of recurrence settings including daily, specific days of week, every "n" number of days, weekly, monthly, and yearly. Lighting control global profile schedules support definition of start date, end date, end after "n" recurrences, or never ending.

3) Daylight savings time adjustments capable of being performed automatically, if desired.

4) Global Profile holiday schedules follow recurrent settings for specific U.S. holiday dates regardless if they always occur on a specific date or are determined by day/week of the month.

5) Global Profiles capable of being scheduled to run according to timed offsets relative to sunrise or sunset. Sunrise/sunset times automatically derived from location information using an astronomical clock.

6) Software management interface capable of displaying a graphic calendar view of profile schedules for each control zone.

7) Global Profiles capable of manual activation directly from system controller, specially programmed wired input devices, scene-capable wired wall stations, and software management interface.

8) Global Profiles selectable to apply to a single device, zone of devices, or customized group of devices.

9) Global Profile Configurable Parameters:

a) Fixture light level.

b) Occupancy time delay.

c) Response to occupancy sensors (including enabling/disabling response).

d) Response to daylight sensors (including enabling/disabling response).

e) Enabling/disabling of wall stations.

c. Local and Global Profiles backed up and stored on software's host server such that Profile backup can be applied to a replacement system controller or wired wall station.

7. System supports automated demand response capabilities with automatic reduction of light level to at least three levels of demand response, configurable for each output device.

2.03 SYSTEMS SOFTWARE INTERFACES:

A. Management Interface:

1. Web-based management interface for remote system control, live status monitoring, and configuration of lighting control settings and schedules.

2. Compatible with industry-standard web browser clients.

3. Minimum of 100 unique password-protected user accounts.

4. Minimum of three user permission levels: read-only, read and change settings, and full administrative system access.

5. Capable of restricting access for user accounts to specific devices within the system.

6. All system devices capable of being given user-defined names.

7. Device identification information displayed in the Management interface including.

a. Model number.

b. Model description.

c. Serial number or network ID.

d. Manufacturing date code.

e. Custom label.

f. Parent network device.

8. Management interface capable of displaying live status of a networked luminaire or intelligent control device including:

a. Luminaire on/off status.

b. Dim level.

c. Power consumption.

d. Device temperature.

e. PIR occupancy sensor status.

f. Microphonic occupancy sensor status.

g. Remaining occupancy time delay.

h. Photosensor reading.

i. Active Profiles.

9. Management interface capable of displaying and modifying the current active settings of a networked luminaire or intelligent control device including.

a. Dimming trim levels.

b. Occupancy sensor and photosensor enable/disable.

c. Occupancy sensor time delay and light level settings.

d. Occupancy sensor response (normal or vacancy).

e. Photosensor setpoints and transition time delays.

10. Management interface capable of applying settings changes for a zone of devices or a group of selected devices using a single action that does not require the user to apply settings changes for each individual device.

11. Management interface capable of compiling a printable network inventory report.

12. Management interface capable of compiling a printable report detailing all system profiles.

13. All sensitive information stored encrypted.

14. System software updates available for automatic download and installation via the Internet.

B. System Energy Analysis and Reporting:

1. Intuitive graphical screens to facilitate simple viewing of system energy performance.

2. Energy Scorecard: Summarized display that indicates calculated energy savings in dollars or KWh.

3. Software calculates allocation of energy savings by control measures including occupancy sensors, photosensors, and manual switching.

4. Energy savings data calculated for the system as a whole.

5. Time-scaled graph showing all relay transitions.

6. Time-scaled graph showing zone occupancy time delays.

7. Time-scaled graph showing the total light level.

8. Software capable of storing information remotely onto an open-source, object-relational database, such as PostgreSQL.

9. Data stored in the database will be accessed utilizing an open standard, application programming interface, such as Open Database Connectivity (ODBC).

C. Visualization and Programming Interfaces:

1. System provides an optional web-based visualization interface that displays a graphical floorplan.

2. Graphical floorplan will offer the following types of system visualization:

a. Full Device Option: Master graphic of entire building, by floor, showing each control device installed with zones outlined including:

1) Controls embedded light fixtures.

2) Controls devices not embedded in light fixtures.

3) Daylight sensors.

4) Occupancy sensors.

5) Wall switches and dimmers.

6) Scene controllers.

7) Networked relays.

8) Wired bridges.

9) System controllers.

10) Wires relay panels.

11) Group outlines.

b. Group-Only Option: Master graphic of the entire building, by floor, showing only control groups outlined.

c. Pan and zoom commands supported to allow smaller areas to be displayed on a larger scale simply by panning and zooming each floor's master graphic.

d. Selecting any control device displays the following as applicable:

1) Device catalog number.

2) Device name and custom label.

3) Device diagnostic information.

4) Link to further information on device including status or current configuration.

3. Programming capabilities through the application will include the following:

a. Switch, occupancy sensor, and photosensor zone configuration.

b. Manual-on or automatic-on modes.

c. Turn-on and dim to dimming levels.

d. Occupancy sensor time delays and PIR sensitivity.

e. Dual technology occupancy sensors sensitivity.

f. Photosensor calibration adjustment and auto-setpoint.

g. Multiple photosensor zone offset.

h. Trim level settings.

i. Preset scene creation and copy for scene-capable devices.

j. Application of custom device labels to the Bluetooth Low-Energy Programming Devices and individual connected lighting control devices.

k. Fade rate settings.

D. Smartphone Programming Interface for Wired and Wireless Devices:

1. Interface provided for both Apple iOS and Android operating systems that allows configuration of lighting control settings.

2. Application supports configuration of wireless networked control devices.

   a. Application access granted with valid user name and password.

   b. Access to program information governed by permission system that allows users to share access with other users and restrict access to those who should not be able to reconfigure the equipment.

   c. Indication of signal strength where multiple Bluetooth Low-Energy Programming Devices are available for configuration.

3. Application supports configuration or wired networked control devices.

   a. Connected device access granted through user-defined passcode at initial install.

   b. Indication of signal strength where multiple Bluetooth Low-Energy Programming Devices are available for configuration.

4. Programming Capabilities:

   a. Switch, occupancy sensor, and photosensor group configuration.

   b. Manual-on or automatic-on modes.

   c. Turn-on and dim to dimming levels.

   d. Occupancy sensor time delays and PIR sensitivity.

   e. Dual technology occupancy sensors sensitivity.

   f. Photosensor calibration adjustment and auto-setpoint.

   g. Multiple photosensor zone offset.

   h. Trim level settings.

   i. Preset scene creation.

   j. Application of custom device labels for individual connected lighting control devices.

   k. Fade rate settings.

2.04 SYSTEM BACKBONE AND SYSTEM INTEGRATION EQUIPMENT:

A. System Controller: Multi-tasking, real-time digital control processor consisting of modular hardware with plug-in enclosed processors, communication controllers, and power supplies.

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; nECY or comparable product by one of the following:

a. Cooper Industries, Inc.

b. Leviton Manufacturing Co., Inc.

2. System Controller Processor: 32-bit microprocessor operating at a minimum of 1 GHz.

3. System Controller Memory: Minimum of 512MB memory, with a minimum of 4GB non-volatile flash, to support operating system and databases.

4. System Controller Functions:

a. Time-based control of downstream wired and wireless network devices.

b. Linking into an Ethernet network.

c. Integration with Building Management Systems (BMS) and Heating, Ventilation and Air Conditioning (HVAC) equipment.

d. Connection to various software interfaces, including management interface, historical database and analytics interface, and visualization interface.

5. Integral web server to support system controller configuration and diagnostics with control and visualization of connected devices.

a. Web Server Control Interface:

1) Display associated devices within the context of a graphical floorplan.

2) Provide control of output-capable devices through virtual sliders, toggle buttons, preset level widgets, and transparent layers on floorplan.

3) Control Capabilities:

a) Control of individual output devices, including control of relay state and analog dimming level where applicable.

b) Control of local lighting control zones, including control of relay state and analog dimming level where applicable.

c) Control of global lighting control zones, including control of relay state and analog dimming level where applicable.

d) Control of Global Profiles.

b. Visualization Interface:

1) Customizable display with the ability to superimpose colored, transparent layers representing real-time property values, including occupancy status, dimming level status, light level status, and online or offline status where applicable.

2) Ad hoc display of trended information via an intuitive values-over-time graph.

3) Report Creation:

a) Reports accept and graphically display trended status datasets for creator selected devices or zones of devices.

b) Report information displayed over a user-defined interval and date range.

c) Reports exportable to a standard CSV format.

6. Graphical touch screen to support configuration and diagnostics.

7. Minimum of three RJ-45 networked lighting control ports for connection to any of the following.

a. Graphical touch screen.

b. Wired communication bridges.

c. Direct connection to networked wired luminaires and intelligent lighting control devices (up to 128 total devices per port).

8. Device will automatically detect all network-connected devices.

9. Capable of managing and operating a minimum of 750 networked devices (wired or wireless) per system controller.

10. Multiple System Controllers capable of connection via LAN for scalability to a minimum of 20,000 networked devices.

11. Supports BACnet/IP and BACnet MS/TP protocols to directly interface with BMS and HVAC equipment without additional protocol translation gateways.

a. BACnet MS/TP Connection Speed: 9600 to 115200 baud rate.

b. BACnet Testing Laboratory (BTL listed) using Device Profile BACnet Building Controller (B-BC) with outlined enhanced features.

12. Integral FIPS 140-2, Level 1 cryptographic module.

13. Supports RESTful API for control of BACnet objects, user management, date and time, and file management.

14. NEMA 1 enclosure with Class 1 and Class 2 separation.

a. Power Supply Voltage: 120 to 277 V(ac).

15. Automatic algorithm to eliminate redundant, wireless networked paths to streamline communication between the system controller and end devices.

16. System Controller Security Provisions:

    a. Disallow the use of default passwords and require passwords to be updated prior to use.

    b. Support user role-based access, such as administrator, user, and viewer.

    c. Signed firmware to ensure that unmodified, authentic software is always installed.

    d. IP-based communication protected with strong encryption algorithms such as AES or TLS1.2+.

    e. Prevent rollback of firmware to firmware versions with known, critical vulnerabilities.

    f. Valid cybersecurity listing through a third party.

17. Cellular Remote Access: Cellular router and modem for remote access.

    a. Router supports remote access to at least five system controllers on its local area network or network subnet.

    b. Remote access capable of device setting updates, schedule updates, system performance optimization, and diagnostics.

    c. Remote access enabled through outbound communication from router to an outside source. Solutions that begin communication via inbound requests for network access are unacceptable.

    d. Router supports outbound communication to manufacturer-hosted portal using TLS1.2 or greater in-transit encryption over a cellular or Ethernet connection.

    e. Router with integral firewall to prevent unauthorized access to devices connected to its local area network port.

    f. Router includes cellular SIM capable of connection to AT&T, T-Mobile, Sprint, US Cellular, Alaska Wireless, Telefonica, Tellus, Bell, or Sasktel networks where carrier service is available.

    g. Outbound communication from the router limited to whitelisted endpoints. Devices that allow unrestricted communication are unacceptable.

    h. Outbound communication from router includes only lighting control system information.

2.05 WIRED NETWORKED DEVICES:

A. Wired Networked Wall Switches, Dimmers, Scene Controllers:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; nPODMA, nPODMA xS, and nPODMA xL (matching existing) or comparable product by one of the following:

    a. Cooper Industries, Inc.

    b. Leviton Manufacturing Co., Inc.

2. Mounting: Suitable for installation in single-gang switch box.

3. Communication and low-voltage power delivered via standard low-voltage network cabling with RJ-45 connectors.

4. All switches detect valid communication and blink a unique LED pattern to visually indicate a potential wiring issue.

5. Devices with mechanical push buttons provide tactile and LED user feedback.

6. Devices with mechanical push buttons manufactured with custom button labeling.

7. Wall switch and dimmer options:

    a. Number of control zones: 2 or 4 as needed based on existing circuitry

    b. Control Types Supported:

        1) On/Off.

        2) On/Off/Dimming.

        3) On/Off/Dimming/Correlated Color Temperature Control for specific luminaire types.

    c. Color: As selected by Architect from standard factory colors.

8. Scene Controller Options:

    a. Number of Scenes: 1, 2 or 4 based upon the room.

    b. Control Types Supported:

        1) On/Off

        2) On/Off/Dimming

        3) Preset Level Scene Type.

        4) On/Off/Dimming/Preset Level for Correlated Color Temperature.

5) Reprogramming of other devices within daisy-chained zone to implement user-selected lighting scene including manual start/stop from the scene controller, or optionally programmed automatic stop after a user-selectable duration between five minutes and 12 hours.

6) Selecting a lighting profile to be run by device's upstream controller to implement a selected lighting profile across multiple zones including manual start/stop from the scene controller, or optionally programmed automatic stop after a user selectable duration between five minutes and 12 hours.

c. Color: As selected by Architect from standard factory colors.

B. Networked Graphic Wall Stations (PROVIDE AT GYMS and LARGE ASSEMBLY SPACES – Provide nPod wall pods at auxiliary entrance locations). PROVIDE protective covers at locations subject to damage:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; nPOD TOUCH or comparable product by one of the following:

a. Cooper Industries, Inc.

b. Leviton Manufacturing Co., Inc.

2. Mounting: Suitable for installation in single-gang switch box.

3. Integral 3.5-inch (88 mm) capacitive full-color touch screen.

4. Power via polarity insensitive Class 2 low-voltage 15 to 24V (dc) power supply.

5. Device enables mobile application control of control zones and scenes through Bluetooth.

6. Communication over standard low-voltage network cabling with RJ-45 connectors.

7. User-customizable screen saver utilizing uploaded image file in common file format including jpg, png, gif, bmp, or tif.

8. Capable of configuration of all switches, dimmers, control zones, and lighting preset scenes via password-protected setup screens.

9. Graphic Wall Station Options:

a. Number of Control Zones: Up to 16.

b. Number of Scenes: Up to 16.

c. Profile Scene Duration: User configurable from five minutes to 12 hours.

d. Color: White.

C. Digital Time Clock:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; nDTC or comparable product by one of the following:

   a. Cooper Industries, Inc.

   b. Leviton Manufacturing Co., Inc.

2. Controls a linear bus of lighting devices suppling all time functions without connection to a system controller.

   a. Programming of the linear bus of lighting devices must not require additional hardware, including computers, specialized dongles, or other connection devices.

   b. Programming of the linear bus exclusively done through the touch-screen interface.

3. Capable of up to 32 schedules. Each schedule consists of one set of On and Off times per day for each day of the week and for each of two holiday lists. Schedules assignable to any individual relay or group of relays.

4. Operates from non-volatile memory so that all system programming is retained indefinitely.

5. Mounted inside a relay panel to eliminate the necessity for additional enclosures for complete installation.

6. Capacitive 3.5-inch (88 mm), full-color touch screen.

D. Wired Networked Digital Key Switches (UTILIZE at EXISTING KEY SWITCH LOCATIONS:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; nPODA KEY or comparable product by one of the following:

   a. Cooper Industries, Inc.

   b. Leviton Manufacturing Co., Inc.

2. Mounting: Suitable for installation in single-gang switch box.

3. Communication and low-voltage power delivered via standard low-voltage network cabling with RJ-45 connectors.

4. All switches detect valid communication and blink a unique LED pattern to visually indicate a potential wiring issue.

5. LED user feedback to provide indication of on/off status of the programmed lights or scene, as well as indication of device power.

6. Digital Key Switch Options:

    a. Control Types Supported:

        1) On/Off.

        2) On/Off/Dimming.

        3) Preset Level Scene Type.

        4) On/Off/Dimming/Preset Level for Correlated Color Temperature.

        5) User-programmed local lighting scene run within a daisy-chained group including manual start/stop from the switch, or optionally programmed automatic-stop after a user-selectable duration between five minutes and 12 hours.

        6) User-programmed global lighting profile run by an upstream controller across multiple groups including manual start/stop from the switch, or optionally programmed automatic-stop after a user-selectable duration between five minutes and 12 hours.

    b. Color: As selected by Architect from standard factory colors.

E. Wired Networked Auxiliary Input / Output (I/O) Devices:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; nIO series or comparable product by one of the following:

    a. Cooper Industries, Inc.

    b. Leviton Manufacturing Co., Inc.

2. Plenum rated.

3. Mounting: inline wired.

4. Communication and low-voltage power delivered to each device via standard low-voltage network cabling with RJ-45 connectors.

5. Auxiliary Input/Output Devices Options:

    a. Contact closure or pull-high input.

        1) Input programmable to support maintained or momentary inputs that can activate local or global scenes and profiles, activate lights at a preconfigured level, ramp light level up or down, or toggle lights on/off.

    b. 0-10V analog input.

        1) Input supports zero to 10 V dimming output control from a dimmer switch.

2) Input programmable to function as a daylight sensor.

c. RS-232/RS-485 digital input.

1) Input supports activation of up to four local or global scenes and profiles, and on/off/dimming control of up to 16 local control zones.

2) Provides relay and dimming level status to external device (e.g. Touchscreen) when polled.

d. 0-10V dimming control output, capable of sinking up to 20mA.

1) Output programmable to support all standard sequence of operations supported by system.

e. Digital control output via eldoLED LEDcode communication.

1) Output programmable to support light intensity control, as well as optional correlated color temperature (CCT) control, of the connected luminaire.

F. Wired Networked Occupancy and Photosensors:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; nCM, nCMB, nRM, nWV, and/or nHW (style as appropriate per space, multiple devices where necessary for proper coverage) or comparable product by one of the following:

a. Cooper Industries, Inc.

b. Leviton Manufacturing Co., Inc.

2. Detect the presence of human activity within space and fully control the on/off function of lights.

3. Utilize passive infrared (PIR) technology, which detects occupant motion, to initially turn lights on from an off state, thus preventing false on conditions. Ultrasonic and Microwave-based sensing technologies are unacceptable.

4. Dual technology sensors used in locations where a second method of sensing is necessary to adequately detect maintained occupancy (such as in rooms with obstructions).

5. Dual technology sensors must have one sensing technology not motion dependent to detect occupancy. Acceptable dual technology includes PIR/Microphonics (also known as Passive Dual Technology or PDT), which detects both occupant motion and sounds indicating occupants. Sensors where both technologies detect motion (PIR/Ultrasonic) are unacceptable.

6. All sensing technologies are acoustically passive, meaning they do not transmit sounds waves of any frequency (for example in the Ultrasonic range), as these technologies have the potential for interference with other electronic devices within the space (such as electronic white board readers and hearing devices).

Acceptable detection technologies include Passive Infrared (PIR), and/or Microphonic technology. Ultrasonic and Microwave-based sensing technologies are unacceptable.

7. Ceiling, fixture, recessed, and corner mounted sensors available, with multiple lens options available customized for specific applications.

8. Communication and low-voltage power delivered to each device via standard low-voltage network cabling with RJ-45 connectors.

9. All sensors detect valid communication and blink a unique LED pattern to visually indicate a potential wiring issue.

10. Sensor programming parameter available and configurable remotely from the software and locally via the device push button.

11. Ceiling mount occupancy sensors include one integrated dry contact switching relay, capable of switching 1 A at 24 V, resistive only.

12. Sensors available with one or two occupancy "poles," each of which provides a programmable time delay.

13. Photosensor/daylight override, automatic dimming control, and low temperature/high humidity operation.

14. Photosensor provide one on/off set-point and include a dead band to prevent the artificial light from cycling. Delay incorporated into the photosensor to prevent rapid response to passing clouds.

15. Photosensor and dimming sensor's set-point and dead band automatically calibrated through the sensor's microprocessor by initiating an "Automatic Set-Point Programming" procedure. Min and max dim settings as well as set-point may be manually entered or modified.

16. Dead band setting verified and modified by the sensor automatically every time the lights cycle to accommodate physical changes in the space (i.e., furniture layouts, lamp depreciation, or lamp outages).

17. Dual zone option available for On/Off Photosensor, Automatic Dimming Control Photosensor, or Combination units. The secondary daylight zone capable of being controlled as an "offset" from the primary zone.

G. Wired Networked Wall Switch Sensors:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; nWSXA LV (matching existing) or comparable product by one of the following:

   a. Cooper's Industries, Inc.

   b. Leviton Manufacturing Co., Inc.

2. Mounting: Suitable for installation in single-gang switch box.

3. Communication and low-voltage power delivered via standard low-voltage network cabling with RJ-45 connectors.

4. All switches detect valid communication and blink a unique LED pattern to visually indicate a potential wiring issue.

5. Devices with mechanical push buttons provide tactile and LED user feedback.

6. Wall Switch Sensor Options:

   a. User Input Control Types: On/Off/Dimming.

   b. Occupancy Sensing Technology: Dual technology acoustic.

   c. Daylight Sensing Option: Inhibit Photosensor.

   d. Color: As selected by Architect from standard factory colors.

H. Wired Networked Embedded Fixture Sensors:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; nES or comparable product by one of the following:

   a. Cooper Industries, Inc.

   b. Leviton Manufacturing Co., Inc.

2. Network system sensors with occupancy sensors and/or dimming photosensors that can be embedded into luminaire such that only the lens shows on luminaire face.

3. Occupancy sensor detection pattern suitable for 7.5 to 20-ft. (2.2 to 6-m) mounting heights.

4. Embedded Sensor Options.

   a. Occupancy Sensing technology: Dual technology acoustic.

   b. Sensing Option: Combination Occupancy/Daylight sensor.

I. Wired Networked Power Packs:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; nPP16 series or comparable product by one of the following:

   a. Cooper Industries, Inc.

   b. Leviton Manufacturing Co., Inc.

2. Plenum rated.

3. Communication will be delivered to each device via standard low-voltage network cabling with RJ-45 connectors.

4. Supply Voltage: 120 to 277 V(ac).

5. Relay Output: Class 1 relay rated for 16 A at 277 V(ac) and 1/2 HP at 120 V(ac).

6. Dimming Output: 0-10 VDC Dimming output.

7. Sink Current: 100 mA at 0-10 V(dc).

8. Mounting: Integral 1/2-inch (16-mm) chase nipple. Plastic clips into junction box are unacceptable.

J. Wired Networked Relay and Dimming Panel (Only provide IF Required based upon existing circuitry arrangement for dedicated spaces. The DESIGN INTENT is primarily wireless devices reusing existing circuitry:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; ARP or comparable product by one of the following:

   a. Cooper Industries, Inc.

   b. Leviton Manufacturing Co., Inc.

2. Outputs: Number of relays as required, Individual relays per panel, with an equal number of individual 0-10 V(dc) dimming outputs.

3. Field Configurable Relays (FCR).

   a. Field configurable to operate in single-, double-, or triple-pole relay groupings.

   b. Field configurable to operate as normally closed or normally open.

   c. Provides visual status of current state and manual override control of each relay.

4. Dimming Output Rating: Minimum of 100 mA sink current per dimming output.

5. Relay and dimming outputs individually programmable.

6. Listing: UL 924 for control of emergency lighting circuits.

7. Power Supply: Integrated 120-277 V(ac) supply.

8. Low-Voltage Sensor Input:

   a. Configurable to support any of the following input types:

      1) Indoor Photosensor.

      2) Outdoor Photosensor.

3) Occupancy Sensor.

4) Contact Closure.

b. Low-voltage sensor input provides 24 V(dc) power for sensor so additional auxiliary power supplies are not required.

c. Sensor input supports all standard sequence of operations.

9. Integrated Digital Time Clock for local schedule control.

10. Contact Closure Input: One for each group of eight output relays that acts as a panel override to activate the normally configured state of all associated relays (i.e., normally open or normally closed).

11. Panel supplies current limited low-voltage power to other networked devices connected via low-voltage network cable.

12. Enclosure:

a. Enclosure Rating: NEMA 1.

b. Mounting: Surface (in non-public spaces) mounted.

c. Cover: Hinged cover with keyed lock.

K. Wired Networked Bluetooth Low-Energy Programming Device:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; nIO BT or comparable product by one of the following:

a. Cooper Industries, Inc.

b. Leviton Manufacturing Co., Inc.

2. Plenum rated, inline wired, and screw mountable.

3. Communication and low-voltage power delivered to device via standard low-voltage network cabling with RJ-45 connectors.

4. Bluetooth communication allows connection from smartphone application for programming device settings within the local daisy-chain zone.

5. Device provides visual indication of remote Bluetooth connection via LED integrated into device enclosure such that it is visible from all angles while the zone is being programmed.

L. Wired Networked Communication Bridge:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; nBRG or comparable product by one of the following:

a. Cooper Industries, Inc.

b. Leviton Manufacturing Co., Inc.

2. Suitable for surface mount to a standard 4 by 4-inch (100 by 100 mm) square junction box.

3. Communication Ports: Eight RJ-45 ports for connection to lighting control zones (up to 128 devices per port), additional network bridges, and System Controller.

4. Capable of aggregating communication from multiple lighting control zones for purposes of minimizing backbone wiring requirements back to System Controller.

5. Power Input: Class 2 low-voltage supplied locally via a directly wired power supply.

6. Wired Bridge capable of redistributing power from its local supply and connected lighting control zones with excess power to lighting control zones with insufficient local power. Architecture enables loss of power to a particular area to be less impactful on network lighting control system.

2.06 WIRELESS NETWORKED DEVICES:

A. Wireless Networked Wall Switches, Dimmers:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; rPOD series or comparable product by one of the following:

a. Cooper Industries, Inc.

b. Leviton Manufacturing Co., Inc.

2. Mounting: Suitable for installation in single-gang switch box.

3. Wireless Communication:

a. Dual 900 MHz IEEE 802.15.4 based and 2.4 GHz, Version 4.0+ Bluetooth.

b. Security: AES-128 bit.

4. Power Supply: 120 to 277 V(ac).

5. Mechanical push buttons provide tactile and LED user feedback during button press.

6. Mechanical push buttons available with custom button labeling.

7. Wall Switches and Dimmer Options:

a. Number of Control Zones: 2.

b. Control Types Supported: On/Off and On/Off/Dimming.

8. Scene Switch Options:

    a. Number of Scenes: 4.

    b. Control Types Supported: On/Off, On/Off/Dimming, and Preset Level Scene Type.

9. Color: As selected by Architect from standard factory colors.

B. Wireless Networked Embedded Fixture Control Devices:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; rIO or comparable product by one of the following:

    a. Cooper Industries, Inc.

    b. Leviton Manufacturing Co., Inc.

2. Wireless Communication:

    a. Dual 900 MHz IEEE 802.15.4 based and 2.4 GHz, Version 4.0+ Bluetooth.

    b. Security: AES-128 bit.

3. Power Supply: Standard low-voltage wiring typically associated with an LED driver.

4. Suitable for installation within a luminaire such that the control device is not visible on the luminaire face.

5. Devices available with integrated and remote antennas such that devices can be installed within sealed container without detriment to wireless strength.

6. Antenna Color: White.

7. Dimming Output: 0-10V.

8. Power loss detection, where unit powers and controls the emergency circuit. Loss of wireless broadcasts from a dedicated normal-power-connected device forces unit to shunt closed, go to full bright, and ignore all system commands until main power is restored.

C. Wireless Networked Indoor Load Controllers with Occupancy and Photosensors:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; rLSXR or rSBOR (where appropriate) or comparable product by one of the following:

    a. Cooper Industries, Inc.

    b. Leviton Manufacturing Co., Inc.

2. Wireless Communication:

a. Dual 900 MHz IEEE 802.15.4 based and 2.4 GHz, Version 4.0+ Bluetooth.

b. Security: AES-128 bit.

3. Detect the presence of human activity within space and fully control the on/off function of lights.

4. Utilizes passive infrared (PIR) technology, which detects occupant motion, to initially turn lights on from an off state, thus preventing false on conditions. Ultrasonic and Microwave-based sensing technologies are unacceptable.

5. Dual technology sensors used in locations where a second method of sensing is necessary to adequately detect maintained occupancy (such as in rooms with obstructions).

6. Dual technology sensors must have one sensing technology not motion dependent to detect occupancy. Acceptable dual technology includes PIR/Microphonics (also known as Passive Dual Technology or PDT), which detects both occupant motion and sounds indicating occupants. Sensors where both technologies detect motion (PIR/Ultrasonic) are unacceptable.

7. All sensing technologies are acoustically passive, meaning they do not transmit sound waves of any frequency (for example in the Ultrasonic range), as these technologies have the potential for interference with other electronic devices within the space (such as electronic white board readers and hearing devices). Acceptable detection technologies include Passive Infrared (PIR) and/or Microphonic technology. Ultrasonic and Microwave-based sensing technologies are unacceptable.

8. Sensor programming parameters available and configurable remotely.

9. Ceiling, fixture, and junction box mounted sensors available, with multiple lens options available customized for specific applications.

10. Integral daylight photosensor for programmable daylight harvesting.

11. Photosensor includes adjustable illumination set-point and dead band to prevent the artificial light from cycling. Set-point and dead band capable of automatically calibrating through an "Automatic Set-Point Programming" procedure. Min and max dimming settings and set-point may be manually entered or modified.

12. Dead band setting verified and modified by the sensor automatically every time the lights cycle to accommodate physical changes in the space (i.e., furniture layouts, lamp depreciation, or lamp outages).

13. Power loss detection, where unit powers and controls the emergency circuit. Loss of wireless broadcasts from a dedicated normal-power-connected device forces unit to shunt closed, go to full bright, and ignore all system commands until main power is restored.

14. Power Monitoring: Integral current measurements on output with 3 percent accuracy when measuring loads 225 mA or greater.

D. Wireless Networked Indoor Occupancy and Photosensors:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; rCMS PDT or comparable product by one of the following:

    a. Cooper Industries, Inc.

    b. Leviton Manufacturing Co., Inc.

2. Wireless Communication:

    a. Dual 900 MHz IEEE 802.15.4 based and 2.4 GHz, Version 4.0+ Bluetooth.

    b. Security: AES-128 bit.

3. Detect the presence of human activity within space and fully control the on/off function of lights.

4. Utilizes passive infrared (PIR) technology, which detects occupant motion, to initially turn lights on from an off state, thus preventing false on conditions. Ultrasonic and Microwave-based sensing technologies are unacceptable.

5. Dual technology sensors used in locations where a second method of sensing is necessary to adequately detect maintained occupancy (such as in rooms with obstructions).

6. Dual technology sensors must have one sensing technology not motion dependent to detect occupancy. Acceptable dual technology includes PIR/Microphonics (also known as Passive Dual Technology or PDT), which detects both occupant motion and sounds indicating occupants. Sensors where both technologies detect motion (PIR/Ultrasonic) are unacceptable.

7. All sensing technologies acoustically passive, meaning they do not transmit sound waves of any frequency (for example in the Ultrasonic range), as these technologies have the potential for interference with other electronic devices within the space (such as electronic white board readers and hearing devices). Acceptable detection technologies include Passive Infrared (PIR), and/or Microphonic technology. Ultrasonic and Microwave-based sensing technologies are unacceptable.

8. Sensor programming parameters available and configurable remotely.

9. Ceiling, fixture, and junction box mounted sensors available, with multiple lens options available customized for specific applications.

10. Dry Contact Output: One integrated dry contact switching relay, capable of switching 100 mA at 24 V, resistive only.

11. Integral daylight photosensor for programmable daylight harvesting.

12. Photosensor includes adjustable illumination set-point and dead band to prevent the artificial light from cycling. Set-point and dead band capable of automatically calibrating through an "Automatic Set-Point Programming" procedure. Min and max dimming settings and set-point may be manually entered or modified.

13. Dead band setting verified and modified by the sensor automatically every time the lights cycle to accommodate physical changes in the space (i.e., furniture layouts, lamp depreciation, or lamp outages).

E. Wireless Networked Outdoor Occupancy and Photosensors:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; rSBOR or comparable product by one of the following:

   a. Cooper Industries, Inc.

   b. Leviton Manufacturing Co., Inc.

2. Wireless Communication:

   a. Dual 900 MHz IEEE 802.15.4 based and 2.4 GHz, Version 4.0+ Bluetooth.

   b. Security: AES-128 bit.

3. Mounting: Nipple mount with IP66 rating.

4. Supply Voltage: 120 to 277 V(ac).

5. Detect the presence of human activity within space and fully control the on/off function of lights.

6. Utilizes passive infrared (PIR) technology, which detects occupant motion, to initially turn lights on from an off state, thus preventing false on conditions. Ultrasonic and Microwave-based sensing technologies are unacceptable.

7. Sensors detect valid communication and blink a unique LED pattern to visually indicate a potential issue.

8. Sensor programming parameters available and configurable remotely.

9. Available with multiple lens options available for various mounting heights.

10. Power Monitoring: Integral current measurements on output with 3 percent accuracy when measuring loads 225 mA or greater.

11. Integral daylight photosensor for programmable daylight harvesting.

12. Photosensor includes adjustable illumination set-point and dead band to prevent the artificial light from cycling. Set-point and dead band capable of automatically calibrating through an "Automatic Set-Point Programming" procedure. Min and max dimming settings and set-point may be manually entered or modified.

13. Dead band setting verified and modified by the sensor automatically every time the lights cycle to accommodate physical changes in the space (i.e., furniture layouts, lamp depreciation, or lamp outages.

14. Power loss detection, where unit powers and controls the emergency circuit. Loss of wireless broadcasts from a dedicated normal-power-connected device forces unit to shunt closed, go to full bright, and ignore all system commands until main power is restored.

F. Wireless Networked Indoor Embedded Sensors:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; rES7 PDT or comparable product by one of the following:

   a. Cooper Industries, Inc.

   b. Leviton Manufacturing Co., Inc.

2. Wireless Communication:

   a. Dual 900 MHz IEEE 802.15.4 based and 2.4 GHz, Version 4.0+ Bluetooth.

   b. Security: AES-128 bit.

3. Sensors consisting of occupancy sensors and dimming photosensor suitable for installation within a luminaire such that only the lens is visible on luminaire face.

4. Power Supply: Standard low-voltage wiring typically associated with an LED driver.

5. Devices available with integrated and remote antennas such that devices can be installed within sealed container without detriment to wireless strength.

6. Antenna Color: White.

7. Dimming Output: 0-10 V.

8. Detect the presence of human activity within space and fully control the on/off function of lights.

9. Utilizes passive infrared (PIR) technology, which detects occupant motion, to initially turn lights on from an off state, thus preventing false on conditions. Ultrasonic and Microwave-based sensing technologies are unacceptable.

10. Sensors detect valid communication and blink a unique LED pattern to visually indicate a potential issue.

11. Sensor programming parameters available and configurable remotely.

12. Available with multiple lens options available for various mounting heights.

13. Integral daylight photosensor for programmable daylight harvesting.

14. Photosensor includes adjustable illumination set-point and dead band to prevent artificial light from cycling. Set-point and dead band capable of automatically calibrating through an "Automatic Set-Point Programming" procedure. Min and max dimming settings and set-point may be manually entered or modified.

15. Dead band setting verified and modified by sensor automatically every time lights cycle to accommodate physical changes in space (i.e., furniture layouts, lamp depreciation, or lamp outages).

16. Power loss detection, where unit powers and controls the emergency circuit. Loss of wireless broadcasts from a dedicated normal-power-connected device forces unit to shunt closed, go to full bright, and ignore all system commands until main power is restored.

G. Wireless Networked Outdoor Embedded Sensors:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; rMSOD or comparable product by one of the following:

    a. Cooper Industries, Inc.

    b. Leviton Manufacturing Co., Inc.

2. Wireless Communication:

    a. Dual 900 MHz IEEE 802.15.4 based and 2.4 GHz, Version 4.0+ Bluetooth.

    b. Security: AES-128 bit.

3. Sensors consisting of occupancy sensors and dimming photosensor suitable for installation within a luminaire such that only the lens is visible on luminaire face.

4. Power Supply: Standard low-voltage wiring typically associated with an LED driver.

5. Color: White.

6. Ingress Protection: Minimum IP66.

7. Devices available with remote antennas such that devices can be installed within sealed container without detriment to wireless strength.

8. Detect the presence of human activity within space and fully control the on/off function of lights.

9. Utilizes passive infrared (PIR) technology, which detects occupant motion, to initially turn lights on from an off state, thus preventing false on conditions. Ultrasonic and Microwave-based sensing technologies are unacceptable.

10. Sensors detect valid communication and blink a unique LED pattern to visually indicate a potential issue.

11. Sensor programming parameters available and configurable remotely.

12. Available with multiple lens options available for various mounting heights.

13. Integral daylight photosensor for programmable daylight harvesting.

14. Photosensor includes adjustable illumination set-point and dead band to prevent artificial light from cycling. Set-point and dead band capable of automatically calibrating through an "Automatic Set-Point Programming" procedure. Min and max dimming settings and set-point may be manually entered or modified.

15. Dead band setting verified and modified by the sensor automatically every time the lights cycle to accommodate physical changes in the space (i.e., furniture layouts, lamp depreciation, or lamp outages).

16. Power loss detection, where unit powers and controls the emergency circuit. Loss of wireless broadcasts from a dedicated normal-power-connected device forces unit to shunt closed, go to full bright, and ignore all system commands until main power is restored.

H. Wireless Networked Power Packs:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; rPP series or comparable product by one of the following:

   a. Cooper Industries, Inc.

   b. Leviton Manufacturing Co., Inc.

2. Wireless Communication:

   a. Dual 900 MHz IEEE 802.15.4 based and 2.4 GHz, Version 4.0+ Bluetooth.

   b. Security: AES-128 bit.

3. Plenum rated.

4. Supply Voltage: 120 to 277 V(ac).

5. Relay Output: Class 1 relay rated for 20 A and 1.5 HP at 120 to 277 V(ac) .

6. Dimming Output: 0-10 V(dc).

7. Sink Current: 150 mA at 0-10 V(dc).

8. Antenna Type: Remote.

9. Programming parameters available and configurable remotely.

10. Mounting: Integral 1/2-inch (16-mm) chase nipple. Plastic clips into junction box are unacceptable.

11. Power Packs Options:

a. Power Pack capable of full 20-Amp switching of all normal power lighting load types, with optional 0-10V dimming output capable of up to 150 mA of sink current.

b. Power Packs capable of full 20-Amp switching of general purpose receptacle (plug-load) control.

c. Listing: UL 924 for control of emergency lighting circuits, field configurable for two distinct sequence of operation:

1) Power sense of normal power feed, where unit powers and controls emergency circuit, and loss of the normal power sense circuit forces the power pack to shunt closed, go to full bright, and ignore all system commands until normal power is restored.

2) Power loss detection, where unit powers and controls the emergency circuit. Loss of wireless broadcasts from a dedicated normal-power-connected device forces unit to shunt closed, go to full bright, and ignore all system commands until main power is restored.

d. Power Monitoring: Integral current measurements on output with 3 percent accuracy when measuring loads 425 mA or greater.

I. Wireless Networked Communication Adapter:

1. Basis-of-Design Product: Subject to compliance with requirements, provide nLight; Acuity Brands Lighting, Inc.; nECYD or comparable product by one of the following:

a. Cooper Industries, Inc.

b. Leviton Manufacturing Co., Inc.

2. Wireless Communication:

a. Dual 900 MHz IEEE 802.15.4 based and 2.4 GHz, Version 4.0+ Bluetooth.

b. Security: AES-128 bit.

3. Capable of supporting a minimum of 750 networked wireless devices per adapter.

4. Interface: USB connection.

5. Ingress Protection: Minimum IP66.

6. Mounting: Integral 1/2-inch (16-mm) chase nipple. Minimum 16 ft. (4.8 m) USB cable and optional cable extenders for remote mounting.

3.00 PART 3 – EXECUTION

3.01 INSTALLATION OF WIRING:

A. Wiring Method: Comply with Section 260519 "Low-Voltage Electrical Power Conductors and Cables" and Section 260523 "Control-Voltage Electrical Power Cables." Minimum conduit size is 1/2 inch (13 mm).

1. Comply with requirements for raceways and boxes specified in Section 260530 "Conduits" and Section 260534 "Boxes"

B. Wiring within Enclosures: Bundle, lace, and train conductors to terminal points with no excess and without exceeding manufacturer's limitations on bending radii. Install lacing bars and distribution spools.

3.02 IDENTIFICATION:

A. Identify system components, wiring, cabling, boxes, cabinets, and terminals. Comply with identification requirements specified in Section 260500 "Basic Electrical Requirements".

B. Identify field-installed conductors, interconnecting wiring, and components; install warning signs complying with Section 260500 " Basic Electrical Requirements".

C. Identify all controls with device address.

D. Label each device cable within 6 inch (152 mm) of connection to bus power supply or termination block.

3.03 FIELD QUALITY CONTROL:

A. Acceptance Testing Preparation:

1. Test continuity of each circuit.

B. Field tests and inspections must be witnessed by Engineer. Submit testing and verification data prior to contacting Engineer for secondary verification.

C. Tests and Inspections: Engage a factory-authorized service representative to perform test inspections.

1. Test each zone using local and remote control hardware.

2. Perform each visual and mechanical inspection and electrical test stated in NETA ATS. Certify compliance with test parameters.

D. Nonconforming Work:

1. Lighting controls will be considered defective if they do not pass tests and inspections.

2. Correct malfunctioning units on-site, where possible, and retest to demonstrate compliance; otherwise, replace with new units and retest.

E. Field Test Reports: Engage a factory-authorized service representative to prepare field test reports.

1. Prepare functionality and inspection reports, including a certified report that identifies controls included and describes test results. Include notation of deficiencies detected, remedial action taken, and observations made after remedial action.

2. Include list of all points created from actual tests of all addressed control points for lamps, ballasts, manual controls, and sensors.

3.04 REMOTE ACCESS:

A. Digital network lighting control system capable of remote access by manufacturer with the following features:

1. System diagnostics including detection of fault condition in hardware or connected devices.

2. Access to all connected devices for complete programming including scheduling of time-of-day events and device parameters necessary to meet required sequence of operations.

3. Browser-based interface to verify system functionality.

4. On-demand access to manufacturer technical support for remote troubleshooting, diagnostics, configuration, and programming.

5. Owner training on the digital network lighting control system available remotely.

B. Remote access system fully functional over commercial celluar connection or Internet-connected ethernet network.

C. All hardware associated with remote access including cellular modem and cellular antenna are to remain on-site regardless of warranty or cellular contract status.

3.05 SYSTEM STARTUP:

A. Engage a factory-authorized service representative to perform startup service.

1. Complete installation and startup checks in accordance with manufacturer's published instructions.

2. Activate luminaires and verify that all maximum output levels match output levels detailed in an Owner-approved sequence of operations.

3. Confirm correct communications wiring, initiate communications between control devices and controller/gateways, and program the lighting control system in accordance with approved configuration schedules, time-of-day schedules, and input override assignments.

4. Program network devices to meet required sequence of operations.

5. Program and verify all sequence of operations.

6. Create backup of system programming.

7. Assist in installation of system software on customer-provided workstation or server.

8. Verify bidirectional communication of manufacturer-provided cellular router with manufacturer-managed remote access portal.

3.06 CLOSEOUT ACTIVITIES:

A. Enhanced Documentation: Engage lighting system manufacturer to provide comprehensive system documentation including detailed programming, sequence of operation data per Project specifications, and related code requirements.

B. Training: Engage lighting system manufacturer to provide comprehensive system overview, software overview, and documentation relating to system operation and maintenance.

3.07 PROTECTION:

A. After installation, protect digital network lighting controls from construction activities. Remove and replace items that are contaminated, defaced, damaged, or otherwise caused to be unfit for use prior to acceptance by Owner.

3.08 MAINTENANCE:

A. Engage a factory-authorized service representative to perform on-site system adjustments.

1. On-Site Occupancy Adjustments: When requested within twelve months from date of Substantial Completion, provide on-site settings adjustments to suit actual occupied conditions. Provide up to three visits to Project during other-than-normal occupancy hours for this purpose.

2. Prepare and submit report after each visit that details activities performed.

B. Engage a factory-authorized service representative to perform remote system adjustments.

1. Remote Occupancy Adjustments: When requested within twelve months from date of Substantial Completion and project registration with lighting control system manufacturer, provide remote settings adjustments to suit actual occupied conditions. Provide up to three sessions to Project during other-than-normal occupancy hours for this purpose.

a. System to include manufacturer-provided cellular communication hardware and connection to the system for a minimum of sixty months after substantial completion to allow for factory representative assistance with settings adjustments and system sustainment.

b. For the remaining duration of the maintenance term, or in the event cellular connectivity is not available, manufacturer assistance must be available through an Owner-provided, Internet-connected network.

2. Prepare and submit report after each session that details activities performed.

C. Maintenance Service Agreement:

1. Beginning at Substantial Completion, verify that maintenance service agreement includes 12 months' full maintenance by manufacturer's authorized service representative.

2. Include semiannual on-site and quarterly remote preventive maintenance.

3. Preventative maintenance to include:

a. System diagnostic reports.

b. System performance checks.

c. Device firmware updates.

d. Programming adjustment as required for proper lighting system operation.

e. Expedited factory direct warranty processing, replacement, and programming of defective components.

4. Verify that parts and supplies are manufacturer's authorized replacement parts and supplies.

END OF SECTION

PROJECT:
ADDITION, RENOVATINS, AND RELATED WORK TO

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA

100% CONSTRUCTION DOCUMENTS
04/11/2025

SHEET INDEX

GIBRALTAR
DESIGN
ARCHITECTURE ENGINEERING INTERIOR DESIGN

ARCHITECT OF RECORD		ENGINEER OF RECORD		ENGINEER OF RECORD		ENGINEER OF RECORD	

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA

GIBRALTAR DESIGN
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PROJECT 23-113
DATE 04/11/25
COORDINATED BY DTB
DRAWN BY DTB
CHECKED BY DTB

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 1

DRAWING
COVER-SHEET INDEX

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
G-101

Friday, 4/25/2025 - 5:11 PM - LAST SAVED BY:DBURNS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\02 GENR\G-101.DWG

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. REMOVE ANY EXISTING OCCUPANCY SENSOR(S) AND ASSOCIATED WIRING IN ROOMS THAT MAY BE IN ROOMS WHERE THE EXISTING LIGHTING FIXTURES ARE BEING REPLACED, UNLESS OTHERWISE NOTED.

DEMOLITION PLAN NOTES:

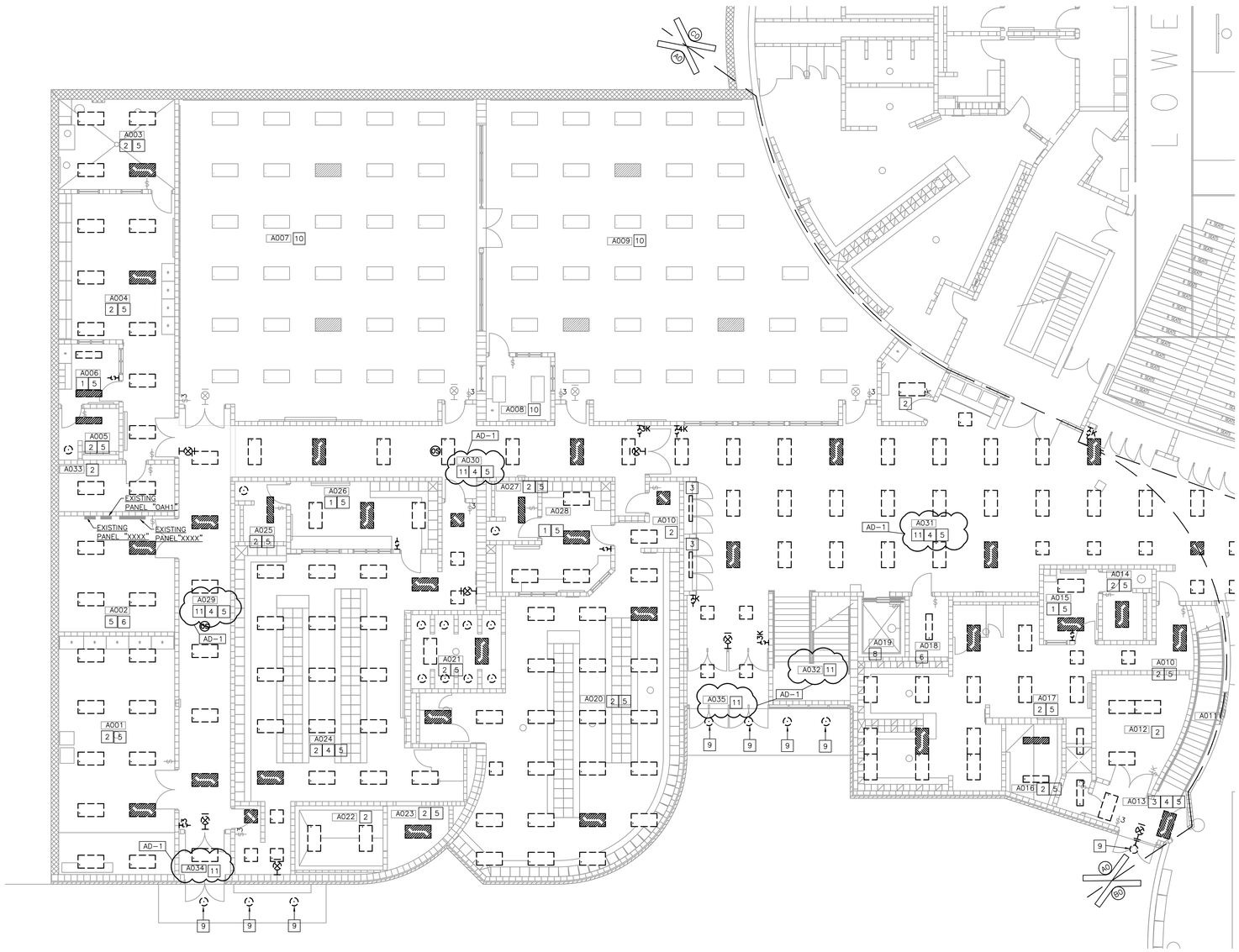
(THESE NOTES APPLY TO THIS SHEET ONLY)

AD-1

1. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES) UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM.
   UNDER ALTERNATE BID REMOVE EXISTING LIGHT SWITCH(ES) IN THIS ROOM AND INSTALL NEW WALL DIMMER(S). REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTLIZING THE EXISTING LIGHTING CIRCUIT.
2. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES).
3. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
4. REMOVE EXISTING EXIT LIGHTING FIXTURE(S) IN THIS ROOM AND PREPARE WIRING FOR CONNECTION OF THE NEW EXIT SIGN TO THE EXISTING EMERGENCY LIGHTING CIRCUIT AHEAD OF ANY CONTROLS, UNLESS OTHERWISE NOTED.
5. REMOVE EXISTING EMERGENCY LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF NEW LIGHTING FIXTURE(S) TO THE EXISTING EMERGENCY LIGHTING CIRCUIT.
6. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND EXISTING LIGHT SWITCH(ES).
7. REMOVE EXISTING LIGHTING FIXTURE(S) AND LIGHTING CONTROLS IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND NEW LIGHTING CONTROLS.
8. REMOVE EXISTING LIGHTING FIXTURE(S) AND LIGHT SWITCH IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND NEW WALL MOUNTED OCCUPANCY SENSOR.
9. REMOVE EXISTING EXTERIOR LIGHTING FIXTURE AND PREPARE WIRING FOR CONNECTION TO THE NEW EXTERIOR LIGHTING FIXTURE.
10. NO WORK IN THIS ROOM.

AD-1

11. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) AND IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND NEW nLIGHT LIGHTING CONTROL PANEL AND CONTROLLER. REMOVE EXISTING LIGHT SWITCHES IN THIS ROOM AND REMOVE WIRING BACK TO THE FIRST JUNCTION BOX.



UNIT "A" ELECTRICAL LOWER LEVEL DEMOLITION LIGHTING PLAN

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

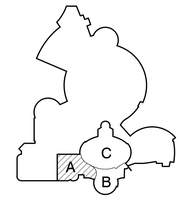
NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



LOWER LEVEL KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "A" ELECTRICAL LOWER LEVEL DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
ED101

Friday, 4/25/2025 - 10:12 AM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\ED101.DWG

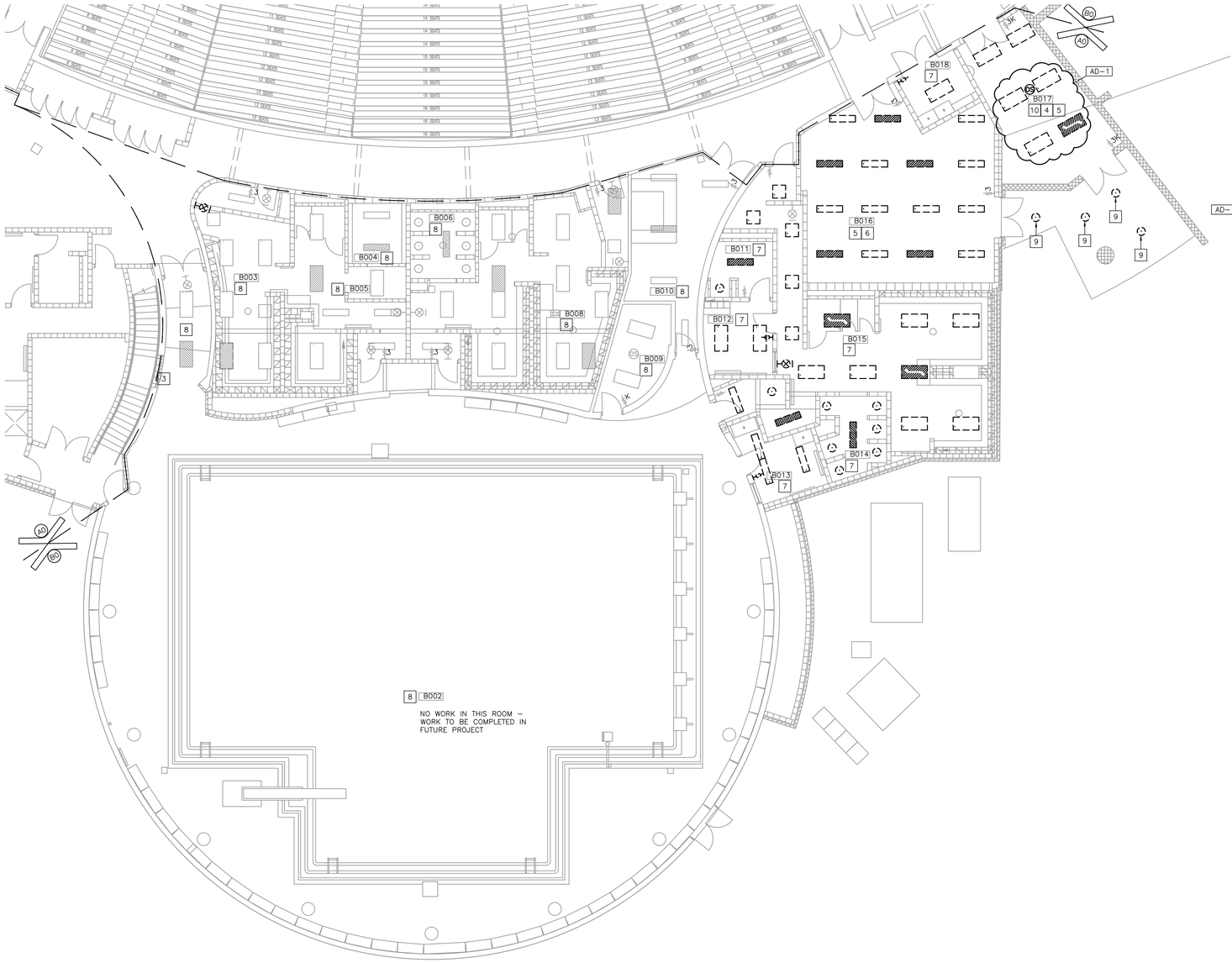
GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. REMOVE ANY EXISTING OCCUPANCY SENSOR(S) AND ASSOCIATED WIRING IN ROOMS THAT MAY BE IN ROOMS WHERE THE EXISTING LIGHTING FIXTURES ARE BEING REPLACED, UNLESS OTHERWISE NOTED.

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES) UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM
   UNDER ALTERNATE BID REMOVE EXISTING LIGHT SWITCH(ES) IN THIS ROOM AND INSTALL NEW WALL DIMMER(S). REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTLIZING THE EXISTING LIGHTING CIRCUIT.
2. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES).
3. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
4. REMOVE EXISTING EXIT LIGHTING FIXTURE(S) IN THIS ROOM AND PREPARE WIRING FOR CONNECTION OF THE NEW EXIT SIGN TO THE EXISTING EMERGENCY LIGHITNG CIRCUIT AHEAD OF ANY CONTROLS, UNLESS OTHERWISE NOTED.
5. REMOVE EXISTING EMERGENCY LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF NEW LIGHTING FIXTURE(S) TO THE EXISTING EMERGENCY LIGHTING CIRCUIT.
6. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND EXISTING LIGHT SWITCH(ES).
7. REMOVE EXISTING LIGHTING FIXTURE(S) AND LIGHTING CONTROLS IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND NEW LIGHTING CONTROLS.
8. NO WORK IN THIS ROOM.
9. REMOVE EXISTING EXTERIOR LIGHTING FIXTURE AND PREPARE WIRING FOR CONNECTION TO THE NEW EXTERIOR LIGHTING FIXTURE.
10. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) AND IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND NEW nLIGHT LIGHTING CONTROL PANEL AND CONTROLLER. REMOVE EXISTING LIGHT SWITCHES IN THIS ROOM AND REMOVE WIRING BACK TO THE FIRST JUNCTION BOX.



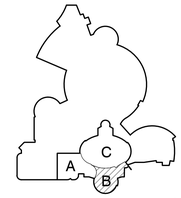
UNIT "B" ELECTRICAL LOWER LEVEL DEMOLITION LIGHTING PLAN

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

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



LOWER LEVEL KEY PLAN

GIBRALTAR DESIGN
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PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

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AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "B" ELECTRICAL LOWER LEVEL DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
ED102

Friday, 4/25/2025 - 10:27 AM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\ED102.DWG

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. REMOVE ANY EXISTING OCCUPANCY SENSOR(S) AND ASSOCIATED WIRING IN ROOMS THAT MAY BE IN ROOMS WHERE THE EXISTING LIGHTING FIXTURES ARE BEING REPLACED, UNLESS OTHERWISE NOTED.

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES) UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM
   UNDER ALTERNATE BID REMOVE EXISTING LIGHT SWITCH(ES) IN THIS ROOM AND INSTALL NEW WALL DIMMER(S). REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTILIZING THE EXISTING LIGHTING CIRCUIT.
2. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES).
3. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
4. REMOVE EXISTING EXIT LIGHTING FIXTURE(S) IN THIS ROOM AND PREPARE WIRING FOR CONNECTION OF THE NEW EXIT SIGN TO THE EXISTING EMERGENCY LIGHTING CIRCUIT AHEAD OF ANY CONTROLS, UNLESS OTHERWISE NOTED.
5. REMOVE EXISTING EMERGENCY LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF NEW LIGHTING FIXTURE(S) TO THE EXISTING EMERGENCY LIGHTING CIRCUIT.
6. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND EXISTING LIGHT SWITCH(ES).
7. REMOVE EXISTING LIGHTING FIXTURE(S) AND LIGHTING CONTROLS IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND NEW LIGHTING CONTROLS.
8. REMOVE EXISTING LIGHTING FIXTURE(S) AND LIGHT SWITCH IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND NEW WALL MOUNTED OCCUPANCY SENSOR.
9. SEE ALTERNATE BID LIGHTING CONTROL PLAN E-103A FOR WORK ASSOCIATED WITH THE REPLACEMENT OF THE GYM LIGHTING CONTROLS TO BE BID AS AN ALTERNATE BID.
10. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) AND IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND NEW nLIGHT LIGHTING CONTROL PANEL AND CONTROLLER. REMOVE EXISTING LIGHT SWITCHES IN THIS ROOM AND REMOVE WIRING BACK TO THE FIRST JUNCTION BOX.

C011 4 5 6 9
SEE UNIT "A" FIRST FLOOR DEMOLITION LIGHTING PLAN FOR DEMOLITION OF OVERHEAD LIGHTING IN THIS ROOM. EXISTING LIGHT SWITCHES IN THIS ROOM SHALL REMAIN, UNLESS OTHERWISE NOTED.

UNIT "C" ELECTRICAL LOWER LEVEL DEMOLITION LIGHTING PLAN

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

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA

LOWER LEVEL KEY PLAN

GIBRALTAR DESIGN
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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "C" ELECTRICAL LOWER LEVEL DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
ED103

Friday, 4/25/2025 - 10:43 AM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\ED103.DWG

AD–1

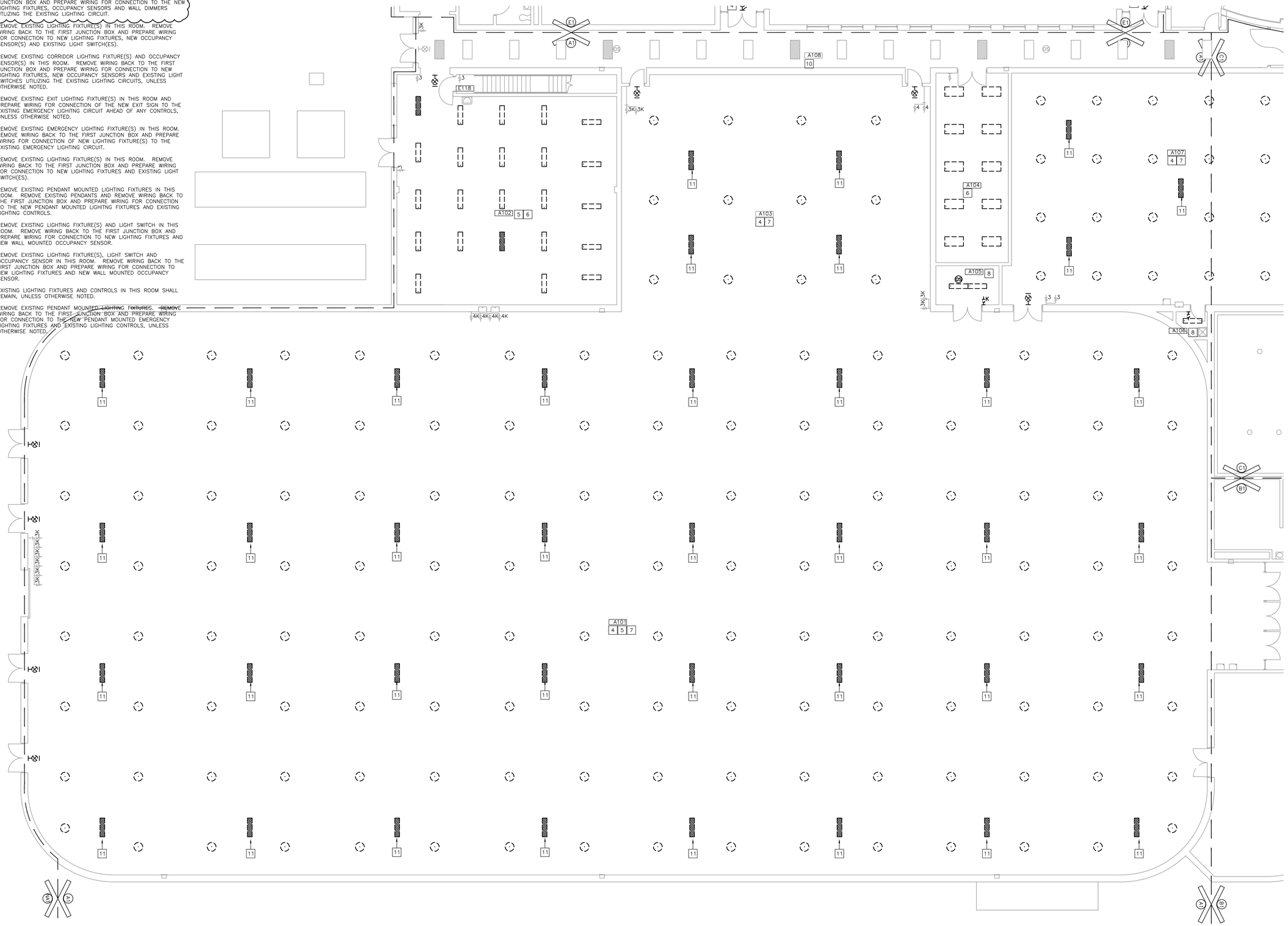
DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES) UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM UNDER ALTERNATE BID REMOVE EXISTING LIGHT SWITCH(ES) IN THIS ROOM AND INSTALL NEW WALL DIMMER(S). REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTLIZING THE EXISTING LIGHTING CIRCUIT.
2. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES).
3. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
4. REMOVE EXISTING EXIT LIGHTING FIXTURE(S) IN THIS ROOM AND PREPARE WIRING FOR CONNECTION OF THE NEW EXIT SIGN TO THE EXISTING EMERGENCY LIGHITNG CIRCUIT AHEAD OF ANY CONTROLS, UNLESS OTHERWISE NOTED.
5. REMOVE EXISTING EMERGENCY LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF NEW LIGHTING FIXTURE(S) TO THE EXISTING EMERGENCY LIGHTING CIRCUIT.
6. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND EXISTING LIGHT SWITCH(ES).
7. REMOVE EXISTING PENDANT MOUNTED LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING PENDANTS AND REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW PENDANT MOUNTED LIGHITNG FIXTURES AND EXISTING LIGHTING CONTROLS.
8. REMOVE EXISTING LIGHTING FIXTURE(S) AND LIGHT SWITCH IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND NEW WALL MOUNTED OCCUPANCY SENSOR.
9. REMOVE EXISTING LIGHTING FIXTURE(S), LIGHT SWITCH AND OCCUPANCY SENSOR IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND NEW WALL MOUNTED OCCUPANCY SENSOR.
10. EXISTING LIGHTING FIXTURES AND CONTROLS IN THIS ROOM SHALL REMAIN, UNLESS OTHERWISE NOTED.
11. REMOVE EXISTING PENDANT MOUNTED ~~LIGHTING FIXTURES. REMOVE~~ WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW PENDANT MOUNTED EMERGENCY LIGHTING FIXTURES AND EXISTING LIGHTING CONTROLS, UNLESS OTHERWISE NOTED.

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E–601.
2. REMOVE ANY EXISTING OCCUPANCY SENSOR(S) AND ASSOCIATED WIRING IN ROOMS THAT MAY BE IN ROOMS WHERE THE EXISTING LIGHTING FIXTURES ARE BEING REPLACED, UNLESS OTHERWISE NOTED.



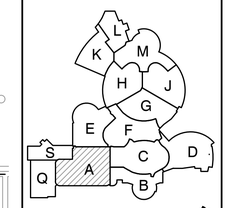
UNIT "A" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

SCALE: 1/8" = 1'–0"

NORTH

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



FIRST FLOOR KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23–113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD–1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "A" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
ED104

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

AD-1

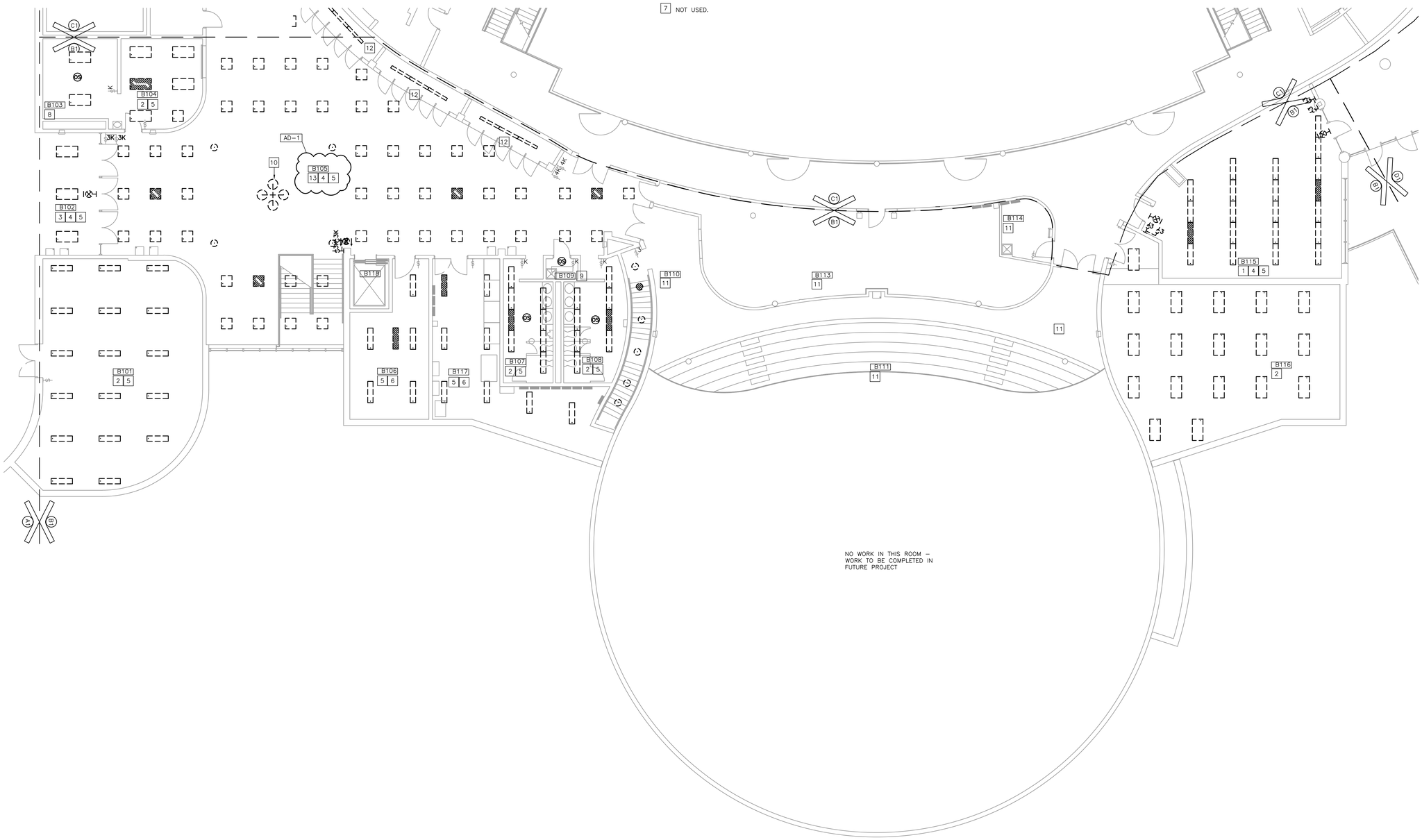
1. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES) UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM.
   UNDER ALTERNATE BID REMOVE EXISTING LIGHT SWITCH(ES) IN THIS ROOM AND INSTALL NEW WALL DIMMER(S). REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTLIZING THE EXISTING LIGHTING CIRCUIT.
2. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES).
3. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
4. REMOVE EXISTING EXIT LIGHTING FIXTURE(S) IN THIS ROOM AND PREPARE WIRING FOR CONNECTION OF THE NEW EXIT SIGN TO THE EXISTING EMERGENCY LIGHITNG CIRCUIT AHEAD OF ANY CONTROLS, UNLESS OTHERWISE NOTED.
5. REMOVE EXISTING EMERGENCY LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF NEW LIGHTING FIXTURE(S) TO THE EXISTING EMERGENCY LIGHTING CIRCUIT.
6. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND EXISTING LIGHT SWITCH(ES).
7. NOT USED.
8. NOT USED.
9. REMOVE EXISTING LIGHTING FIXTURE(S), LIGHT SWITCH IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND NEW WALL MOUNTED OCCUPANCY SENSOR.
10. PROVIDE ALL LABOR AND MATERIAL TO PROPERLY RETROFIT THE EXISTING PENDANT MOUNTED LIGHTING FIXTURES WITH THE APPROPRIATE LED LAMPS AND DRIVERS EQUIVALENT TO THE EXISTING LAMPS. EXISTING PENDANT MOUNTED LIGHTING FIXTURE TO CONNECTED TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THEM.
11. NO WORK IN THIS ROOM.
12. REMOVE EXISTING DISPLAY CASE LIGHTING FIXTURE(S). PREPARE WIRING FOR CONNECTIONS TO THE EXISTING CIRCUIT AND CONTROLS.

AD-1

13. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) AND IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND NEW nLIGHT LIGHTING CONTROL PANEL AND CONTROLLER. REMOVE EXISTING LIGHT SWITCHES IN THIS ROOM AND REMOVE WIRING BACK TO THE FIRST JUNCTION BOX.

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. REMOVE ANY EXISTING OCCUPANCY SENSOR(S) AND ASSOCIATED WIRING IN ROOMS THAT MAY BE IN ROOMS WHERE THE EXISTING LIGHTING FIXTURES ARE BEING REPLACED, UNLESS OTHERWISE NOTED.



UNIT "B" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

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

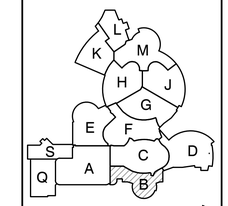
NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "B" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
ED105

Friday, 4/25/2025 - 10:53 AM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\ED105.DWG

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

AD-1

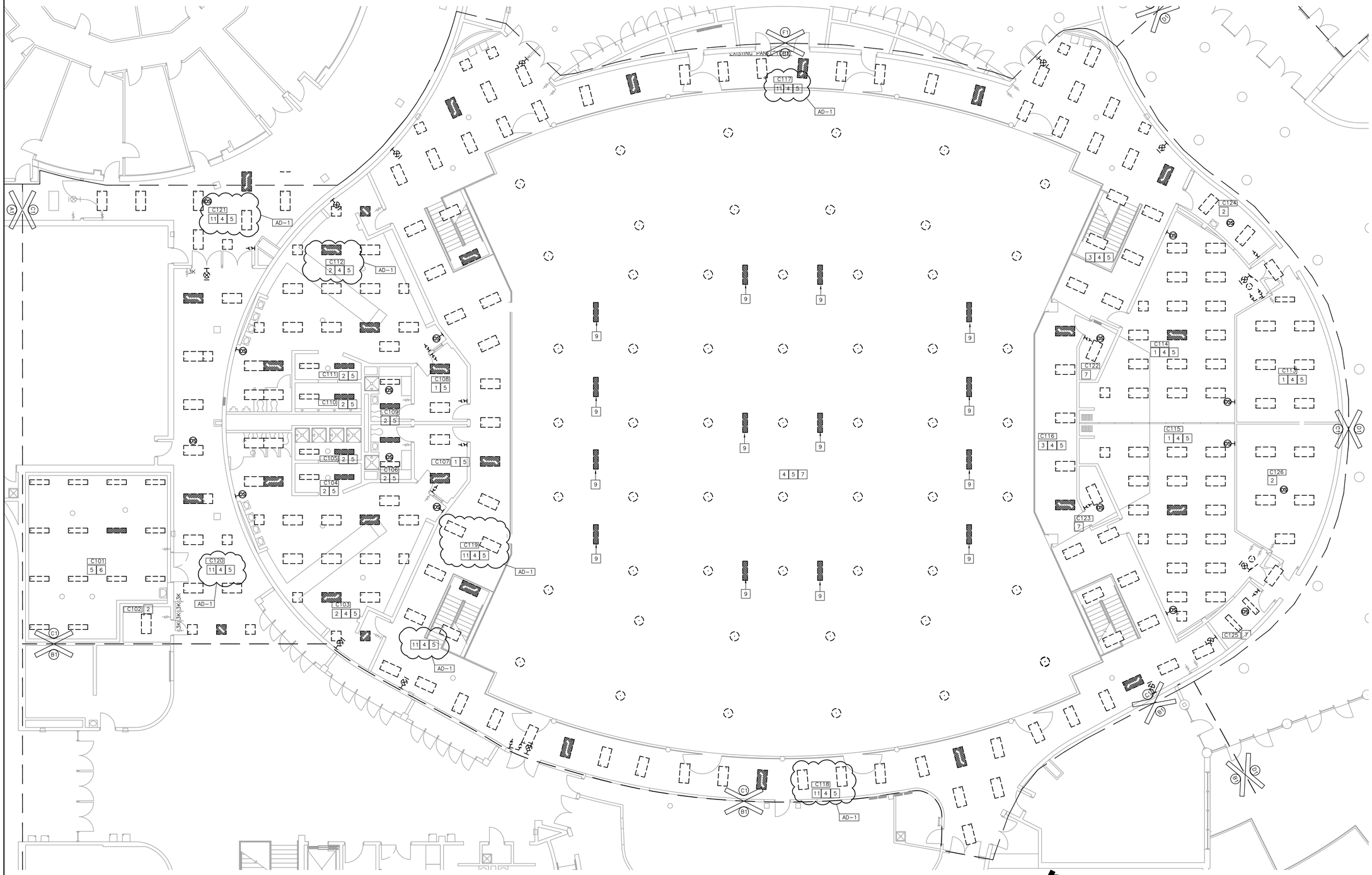
1. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES) UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM.
   UNDER ALTERNATE BID REMOVE EXISTING LIGHT SWITCH(ES) IN THIS ROOM AND INSTALL NEW WALL DIMMER(S). REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTLIZING THE EXISTING LIGHTING CIRCUIT.
2. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES).
3. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
4. REMOVE EXISTING EXIT LIGHTING FIXTURE(S) IN THIS ROOM AND PREPARE WIRING FOR CONNECTION OF THE NEW EXIT SIGN TO THE EXISTING EMERGENCY LIGHITNG CIRCUIT AHEAD OF ANY CONTROLS, UNLESS OTHERWISE NOTED.
5. REMOVE EXISTING EMERGENCY LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF NEW LIGHTING FIXTURE(S) TO THE EXISTING EMERGENCY LIGHTING CIRCUIT.
6. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND EXISTING LIGHT SWITCH(ES).
7. REMOVE EXISTING PENDANT MOUNTED LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING PENDANTS AND REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW PENDANT MOUNTED LIGHTING FIXTURES AND EXISTING LIGHTING CONTROLS, UNLESS OTHERWISE NOTED..
8. REMOVE EXISTING LIGHTING FIXTURE(S) AND LIGHT SWITCH IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND NEW WALL MOUNTED OCCUPANCY SENSOR.
9. REMOVE EXISTING PENDANT MOUNTED EMERGENCY LIGHTING FIXTURES. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW PENDANT MOUNTED EMERGENCY LIGHTING FIXTURES AND EXISTING LIGHTING CONTROLS, UNLESS OTHERWISE NOTED.
10. SEE ALTERNATE BID LIGHTING CONTROL PLAN E-106A FOR WORK ASSOCIATED WITH THE REPLACEMENT OF THE GYM LIGHTING CONTROLS TO BE BID AS AN ALTERNATE BID.

AD-1

11. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) AND IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND NEW nLIGHT LIGHTING CONTROL PANEL AND CONTROLLER. REMOVE EXISTING LIGHT SWITCHES IN THIS ROOM AND REMOVE WIRING BACK TO THE FIRST JUNCTION BOX.

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. REMOVE ANY EXISTING OCCUPANCY SENSOR(S) AND ASSOCIATED WIRING IN ROOMS THAT MAY BE IN ROOMS WHERE THE EXISTING LIGHTING FIXTURES ARE BEING REPLACED, UNLESS OTHERWISE NOTED.



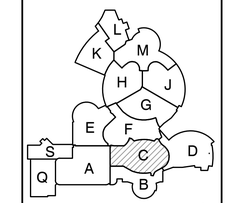
UNIT "C" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

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

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



FIRST FLOOR KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "C" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
ED106

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. REMOVE ANY EXISTING OCCUPANCY SENSOR(S) AND ASSOCIATED WIRING IN ROOMS THAT MAY BE IN ROOMS WHERE THE EXISTING LIGHTING FIXTURES ARE BEING REPLACED, UNLESS OTHERWISE NOTED.

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES) UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM. UNDER ALTERNATE BID REMOVE EXISTING LIGHT SWITCH(ES) IN THIS ROOM AND INSTALL NEW WALL DIMMER(S). REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTILIZING THE EXISTING LIGHTING CIRCUIT.
2. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES).
3. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
4. REMOVE EXISTING EXIT LIGHTING FIXTURE(S) IN THIS ROOM AND PREPARE WIRING FOR CONNECTION OF THE NEW EXIT SIGN TO THE EXISTING EMERGENCY LIGHTING CIRCUIT AHEAD OF ANY CONTROLS, UNLESS OTHERWISE NOTED.
5. REMOVE EXISTING EMERGENCY LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF NEW LIGHTING FIXTURE(S) TO THE EXISTING EMERGENCY LIGHTING CIRCUIT.
6. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND EXISTING LIGHT SWITCH(ES).
7. REMOVE EXISTING LIGHTING FIXTURE(S) AND LIGHT SWITCH IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND NEW WALL MOUNTED OCCUPANCY SENSOR.
8. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) AND IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND NEW nLIGHT LIGHTING CONTROL PANEL AND CONTROLLER. REMOVE EXISTING LIGHT SWITCHES IN THIS ROOM AND REMOVE WIRING BACK TO THE FIRST JUNCTION BOX.

D142 SEE UNIT "D" SECOND FLOOR PLAN FOR OVERHEAD LIGHTING IN THIS ROOM. EXISTING THEATRICAL LIGHTING AND CONTROLS IN THIS ROOM SHALL REMAIN

D139 SEE UNIT "D" SECOND FLOOR PLAN FOR OVERHEAD LIGHTING IN THIS ROOM. EXISTING THEATRICAL LIGHTING AND CONTROLS IN THIS ROOM SHALL REMAIN

D138 SEE UNIT "D" SECOND FLOOR PLAN FOR OVERHEAD LIGHTING IN THIS ROOM. EXISTING THEATRICAL LIGHTING AND CONTROLS IN THIS ROOM SHALL REMAIN

UNIT "D" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

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

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA

FIRST FLOOR KEY PLAN

GIBRALTAR DESIGN
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Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

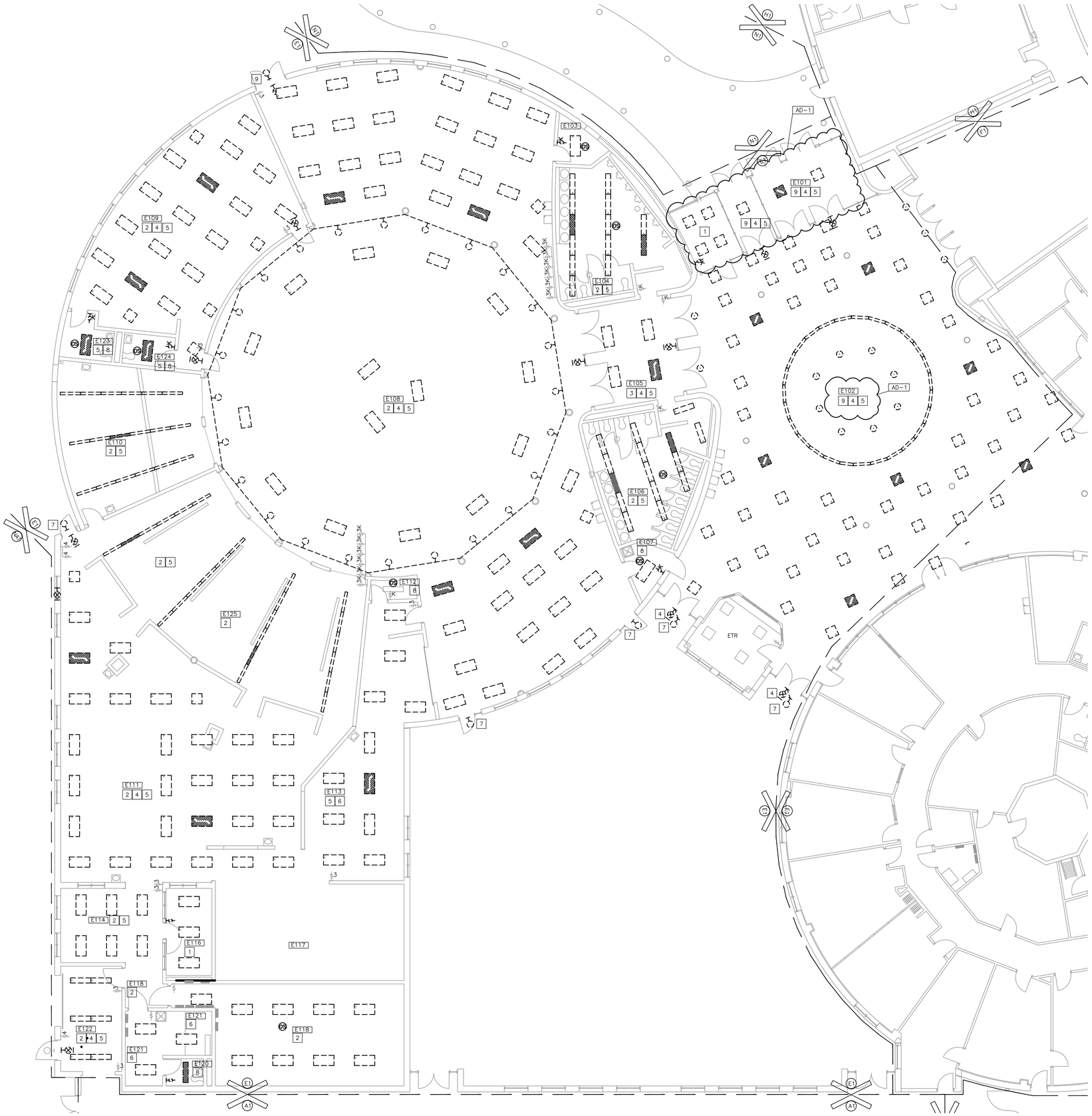
MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "D" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
ED107

Friday, 4/25/2025 - 11:29 AM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\ED107.DWG



UNIT "E" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

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

NORTH

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. REMOVE ANY EXISTING OCCUPANCY SENSOR(S) AND ASSOCIATED WIRING IN ROOMS THAT MAY BE IN ROOMS WHERE THE EXISTING LIGHTING FIXTURES ARE BEING REPLACED, UNLESS OTHERWISE NOTED.

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

AD-1

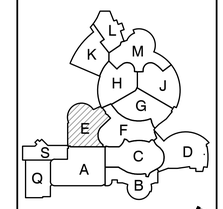
1. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES) UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM.
   UNDER ALTERNATE BID REMOVE EXISTING LIGHT SWITCH(ES) IN THIS ROOM AND INSTALL NEW WALL DIMMER(S). REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTLIZING THE EXISTING LIGHTING CIRCUIT.
2. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES).
3. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
4. REMOVE EXISTING EXIT LIGHTING FIXTURE(S) IN THIS ROOM AND PREPARE WIRING FOR CONNECTION OF THE NEW EXIT SIGN TO THE EXISTING EMERGENCY LIGHITNG CIRCUIT AHEAD OF ANY CONTROLS, UNLESS OTHERWISE NOTED.
5. REMOVE EXISTING EMERGENCY LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF NEW LIGHTING FIXTURE(S) TO THE EXISTING EMERGENCY LIGHTING CIRCUIT.
6. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND EXISTING LIGHT SWITCH(ES).
7. REMOVE EXISTING EXTERIOR LIGHTING FIXTURE. PREPARE EXISTING WIRING FOR CONNECTION TO NEW LIGHTING FIXTURE.
8. REMOVE EXISTING LIGHTING FIXTURE(S) AND LIGHT SWITCH IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND NEW WALL MOUNTED OCCUPANCY SENSOR.

AD-1

9. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) AND IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND NEW nLIGHT LIGHTING CONTROL PANEL AND CONTROLLER. REMOVE EXISTING LIGHT SWITCHES IN THIS ROOM AND REMOVE WIRING BACK TO THE FIRST JUNCTION BOX.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



FIRST FLOOR KEY PLAN

GIBRALTAR DESIGN
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Indianapolis, IN 46260
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PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

DAVID G. JANNEY
REGISTERED
NO. 10302590
STATE OF INDIANA
PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "E" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
ED108

Friday, 4/25/2025 - 11:59 AM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\DRAWINGS\09 ELEC\ED108.DWG

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

AD-1

1. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES) UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM.
   UNDER ALTERNATE BID REMOVE EXISTING LIGHT SWITCH(ES) IN THIS ROOM AND INSTALL NEW WALL DIMMER(S). REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTLIZING THE EXISTING LIGHTING CIRCUIT.
2. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES).
3. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
4. REMOVE EXISTING EXIT LIGHTING FIXTURE(S) IN THIS ROOM AND PREPARE WIRING FOR CONNECTION OF THE NEW EXIT SIGN TO THE EXISTING EMERGENCY LIGHITNG CIRCUIT AHEAD OF ANY CONTROLS, UNLESS OTHERWISE NOTED.
5. REMOVE EXISTING EMERGENCY LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF NEW LIGHTING FIXTURE(S) TO THE EXISTING EMERGENCY LIGHTING CIRCUIT.
6. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND EXISTING LIGHT SWITCH(ES).
7. PROVIDE ALL LABOR AND MATERIAL TO PROPERLY RETROFIT THE EXISTING PENDANT MOUNTED LIGHTING FIXTURES WITH THE APPROPRIATE LED LAMPS AND DRIVERS EQUIVALENT TO THE EXISTING 250 WATT METAL HALIDE LAMPS. EXISTING PENDANT MOUNTED LIGHTING FIXTURE TO CONNECTED TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THEM.
8. REMOVE EXISTING LIGHTING FIXTURE(S) AND LIGHT SWITCH IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND NEW WALL MOUNTED OCCUPANCY SENSOR.
9. REMOVE EXISTING DISPLAY CASE LIGHTING FIXTURES AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES.
10. EXISTING LIGHTING FIXTURES AND CONTROLS IN THIS ROOM SHALL REMAIN.
11. AD-1 — REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) AND IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND NEW nLIGHT LIGHTING CONTROL PANEL AND CONTROLLER. REMOVE EXISTING LIGHT SWITCHES IN THIS ROOM AND REMOVE WIRING BACK TO THE FIRST JUNCTION BOX.

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. REMOVE ANY EXISTING OCCUPANCY SENSOR(S) AND ASSOCIATED WIRING IN ROOMS THAT MAY BE IN ROOMS WHERE THE EXISTING LIGHTING FIXTURES ARE BEING REPLACED, UNLESS OTHERWISE NOTED.

UNIT "F" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

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

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA

FIRST FLOOR KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "F" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
ED109

Friday, 4/25/2025 - 12:32 PM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\ED109.DWG

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. REMOVE ANY EXISTING OCCUPANCY SENSOR(S) AND ASSOCIATED WIRING IN ROOMS THAT MAY BE IN ROOMS WHERE THE EXISTING LIGHTING FIXTURES ARE BEING REPLACED, UNLESS OTHERWISE NOTED.

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES) UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM.
   UNDER ALTERNATE BID REMOVE EXISTING LIGHT SWITCH(ES) IN THIS ROOM AND INSTALL NEW WALL DIMMER(S). REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTLIZING THE EXISTING LIGHTING CIRCUIT.
2. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES).
3. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
4. REMOVE EXISTING EXIT LIGHTING FIXTURE(S) IN THIS ROOM AND PREPARE WIRING FOR CONNECTION OF THE NEW EXIT SIGN TO THE EXISTING EMERGENCY LIGHITNG CIRCUIT AHEAD OF ANY CONTROLS, UNLESS OTHERWISE NOTED.
5. REMOVE EXISTING EMERGENCY LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF NEW LIGHTING FIXTURE(S) TO THE EXISTING EMERGENCY LIGHTING CIRCUIT.
6. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND EXISTING LIGHT SWITCH(ES).
7. PROVIDE ALL LABOR AND MATERIAL TO PROPERLY RETROFIT THE EXISTING WALL MOUNTED LIGHTING FIXTURES WITH THE APPROPRIATE LED LAMPS AND DRIVERS EQUIVALENT TO THE EXISTING METAL HALIDE LAMPS. EXISTING WALL MOUNTED MOUNTED LIGHTING FIXTURES TO CONNECTED TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THEM.
8. REMOVE EXISTING LIGHTING FIXTURE(S) AND LIGHT SWITCH IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND NEW WALL MOUNTED OCCUPANCY SENSOR.
9. REMOVE EXISTING DISPLAY CASE LIGHTING FIXTURES AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES.
10. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) AND IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND NEW nLIGHT LIGHTING CONTROL PANEL AND CONTROLLER. REMOVE EXISTING LIGHT SWITCHES IN THIS ROOM AND REMOVE WIRING BACK TO THE FIRST JUNCTION BOX.

UNIT "G" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

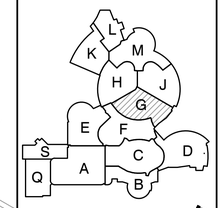
SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



FIRST FLOOR KEY PLAN

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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "G" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
ED110

Friday, 4/25/2025 - 12:57 PM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\ED110.DWG

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. REMOVE ANY EXISTING OCCUPANCY SENSOR(S) AND ASSOCIATED WIRING IN ROOMS THAT MAY BE IN ROOMS WHERE THE EXISTING LIGHTING FIXTURES ARE BEING REPLACED, UNLESS OTHERWISE NOTED.

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

AD-1

1. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES) UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM.
   UNDER ALTERNATE BID REMOVE EXISTING LIGHT SWITCH(ES) IN THIS ROOM AND INSTALL NEW WALL DIMMER(S). REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTLIZING THE EXISTING LIGHTING CIRCUIT.
2. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES).
3. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
4. REMOVE EXISTING EXIT LIGHTING FIXTURE(S) IN THIS ROOM AND PREPARE WIRING FOR CONNECTION OF THE NEW EXIT SIGN TO THE EXISTING EMERGENCY LIGHITNG CIRCUIT AHEAD OF ANY CONTROLS, UNLESS OTHERWISE NOTED.
5. REMOVE EXISTING EMERGENCY LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF NEW LIGHTING FIXTURE(S) TO THE EXISTING EMERGENCY LIGHTING CIRCUIT.
6. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND EXISTING LIGHT SWITCH(ES).
7. NO WORK IN THIS ROOM.
8. REMOVE EXISTING LIGHTING FIXTURE(S) AND LIGHT SWITCH IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND NEW WALL MOUNTED OCCUPANCY SENSOR.
9. REMOVE EXISTING LIGHTING FIXTURE(S), LIGHT SWITCH AND OCCUPANCY SENSOR IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND NEW WALL MOUNTED OCCUPANCY SENSOR.

AD-1

10. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) AND IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND NEW nLIGHT LIGHTING CONTROL PANEL AND CONTROLLER. REMOVE EXISTING LIGHT SWITCHES IN THIS ROOM AND REMOVE WIRING BACK TO THE FIRST JUNCTION BOX.

UNIT "H" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

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

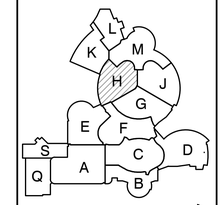
NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



FIRST FLOOR KEY PLAN

GIBRALTAR DESIGN
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Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

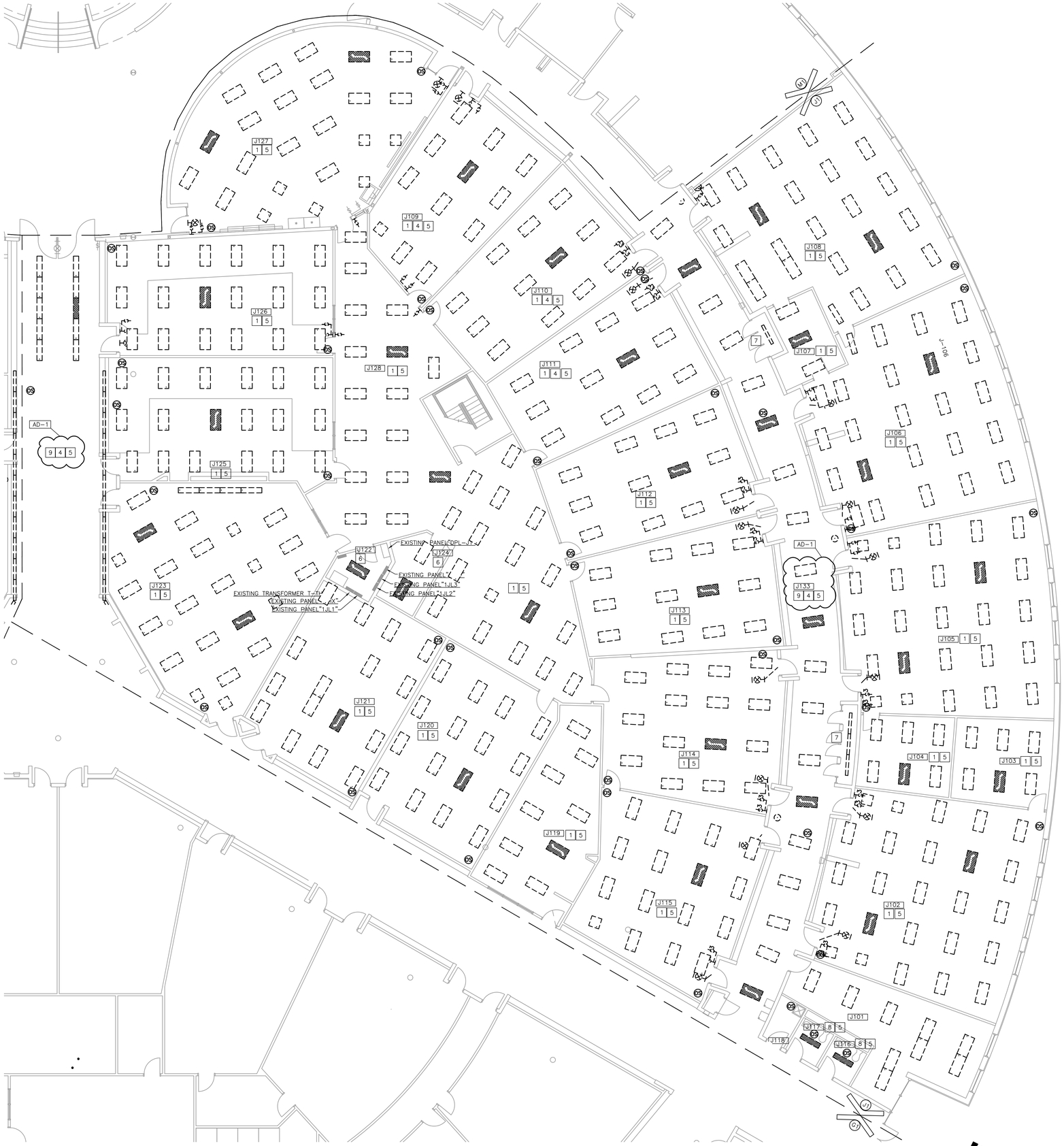
DRAWING

UNIT "H" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
ED111

Friday, 4/25/2025 - 1:17 PM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\ED111.DWG



UNIT "J" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

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

NORTH

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. REMOVE ANY EXISTING OCCUPANCY SENSOR(S) AND ASSOCIATED WIRING IN ROOMS THAT MAY BE IN ROOMS WHERE THE EXISTING LIGHTING FIXTURES ARE BEING REPLACED, UNLESS OTHERWISE NOTED.

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

AD-1

1. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES) UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM. UNDER ALTERNATE BID REMOVE EXISTING LIGHT SWITCH(ES) IN THIS ROOM AND INSTALL NEW WALL DIMMER(S). REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTLIZING THE EXISTING LIGHTING CIRCUIT.
2. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES).
3. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
4. REMOVE EXISTING EXIT LIGHTING FIXTURE(S) IN THIS ROOM AND PREPARE WIRING FOR CONNECTION OF THE NEW EXIT SIGN TO THE EXISTING EMERGENCY LIGHTING CIRCUIT AHEAD OF ANY CONTROLS, UNLESS OTHERWISE NOTED.
5. REMOVE EXISTING EMERGENCY LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF NEW LIGHTING FIXTURE(S) TO THE EXISTING EMERGENCY LIGHTING CIRCUIT.
6. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND EXISTING LIGHT SWITCH(ES).
7. REMOVE EXISTING DISPLAY CASE LIGHTING FIXTURES AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES.
8. REMOVE EXISTING LIGHTING FIXTURE(S) AND LIGHT SWITCH IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND NEW WALL MOUNTED OCCUPANCY SENSOR.

AD-1

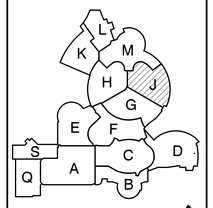
9. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) AND IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND NEW nLIGHT LIGHTING CONTROL PANEL AND CONTROLLER. REMOVE EXISTING LIGHT SWITCHES IN THIS ROOM AND REMOVE WIRING BACK TO THE FIRST JUNCTION BOX.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "J" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
ED112

Friday, 4/25/2025 - 1:25 PM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\ED112.DWG

UNIT "K" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

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

NORTH

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. REMOVE ANY EXISTING OCCUPANCY SENSOR(S) AND ASSOCIATED WIRING IN ROOMS THAT MAY BE IN ROOMS WHERE THE EXISTING LIGHTING FIXTURES ARE BEING REPLACED, UNLESS OTHERWISE NOTED.

DEMOLITION PLAN NOTES:

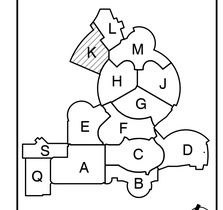
(THESE NOTES APPLY TO THIS SHEET ONLY)

AD-1

1. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES) UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM. UNDER ALTERNATE BID REMOVE EXISTING LIGHT SWITCH(ES) IN THIS ROOM AND INSTALL NEW WALL DIMMER(S). REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTLIZING THE EXISTING LIGHTING CIRCUIT.
2. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES).
3. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
4. REMOVE EXISTING EXIT LIGHTING FIXTURE(S) IN THIS ROOM AND PREPARE WIRING FOR CONNECTION OF THE NEW EXIT SIGN TO THE EXISTING EMERGENCY LIGHTING CIRCUIT AHEAD OF ANY CONTROLS, UNLESS OTHERWISE NOTED.
5. REMOVE EXISTING EMERGENCY LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF NEW LIGHTING FIXTURE(S) TO THE EXISTING EMERGENCY LIGHTING CIRCUIT.
6. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND EXISTING LIGHT SWITCH(ES).
7. REMOVE EXISTING LIGHTING FIXTURE(S) AND LIGHT SWITCH IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND NEW WALL MOUNTED OCCUPANCY SENSOR.
8. REMOVE EXISTING LIGHTING FIXTURE(S) AND LIGHT SWITCH IN THIS ROOM. REMOVE ASSOCIATED WIRING NOT REUSED IN CONNECTING THE NEW LIGHTING FIXTURES AND CONTROLS TO THE EXISTING CIRCUIT NOTED ON THE NEW LIGHTING PLAN.

AD-1

9. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) AND IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND NEW nLIGHT LIGHTING CONTROL PANEL AND CONTROLLER. REMOVE EXISTING LIGHT SWITCHES IN THIS ROOM AND REMOVE WIRING BACK TO THE FIRST JUNCTION BOX.
10. REMOVE EXISTING EXTERIOR LIGHTING FIXTURE AND PREPARE WIRING FOR CONNECTION TO THE NEW EXTERIOR LIGHTING FIXTURE.



FIRST FLOOR KEY PLAN

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PROJECT
23-113
DATE
04/11/25
COORDINATED BY
PCB
DRAWN BY
PCB JVC
CHECKED BY
DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA

DRAWING
UNIT "K" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
ED113

Friday, 4/25/2025 - 1:47 PM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\ED113.DWG

UNIT "L" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

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

NORTH

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. REMOVE ANY EXISTING OCCUPANCY SENSOR(S) AND ASSOCIATED WIRING IN ROOMS THAT MAY BE IN ROOMS WHERE THE EXISTING LIGHTING FIXTURES ARE BEING REPLACED, UNLESS OTHERWISE NOTED.

AD-1

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1 REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES) UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM.
UNDER ALTERNATE BID REMOVE EXISTING LIGHT SWITCH(ES) IN THIS ROOM AND INSTALL NEW WALL DIMMER(S). REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTLIZING THE EXISTING LIGHTING CIRCUIT.

2 REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES).

3 REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.

4 REMOVE EXISTING EXIT LIGHTING FIXTURE(S) IN THIS ROOM AND PREPARE WIRING FOR CONNECTION OF THE NEW EXIT SIGN TO THE EXISTING EMERGENCY LIGHITNG CIRCUIT AHEAD OF ANY CONTROLS, UNLESS OTHERWISE NOTED.

5 REMOVE EXISTING EMERGENCY LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF NEW LIGHTING FIXTURE(S) TO THE EXISTING EMERGENCY LIGHTING CIRCUIT.

6 REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND EXISTING LIGHT SWITCH(ES).

7 REMOVE EXISTING LIGHTING FIXTURE(S) AND LIGHT SWITCH IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND NEW WALL MOUNTED OCCUPANCY SENSOR.

AD-1

8 REMOVE EXISTING EXTERIOR LIGHTING FIXTURE AND PREPARE WIRING FOR CONNECTION TO THE NEW EXTERIOR LIGHTING FIXTURE.

9 REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) AND IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND NEW nLIGHT LIGHTING CONTROL PANEL AND CONTROLLER. REMOVE EXISTING LIGHT SWITCHES IN THIS ROOM AND REMOVE WIRING BACK TO THE FIRST JUNCTION BOX.

GIBRALTAR
DESIGN
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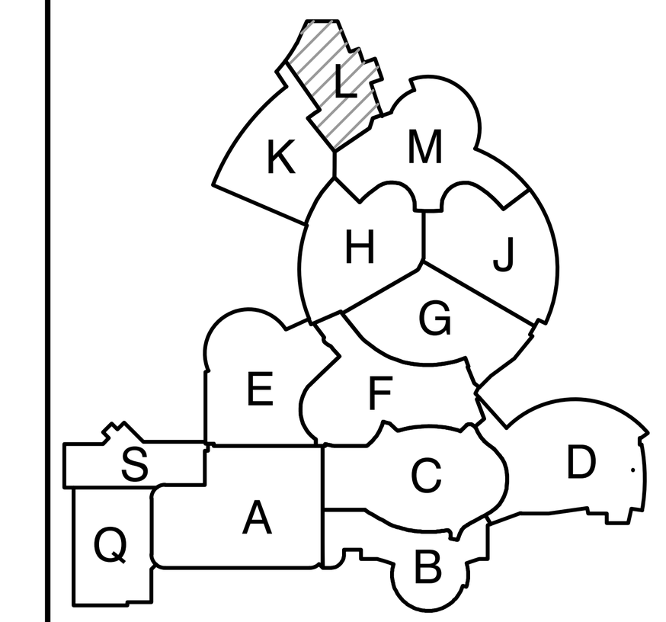
PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



FIRST FLOOR KEY PLAN

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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "L" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
ED114

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. REMOVE ANY EXISTING OCCUPANCY SENSOR(S) AND ASSOCIATED WIRING IN ROOMS THAT MAY BE IN ROOMS WHERE THE EXISTING LIGHTING FIXTURES ARE BEING REPLACED, UNLESS OTHERWISE NOTED.

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

AD-1

1. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES) UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM.
   UNDER ALTERNATE BID REMOVE EXISTING LIGHT SWITCH(ES) IN THIS ROOM AND INSTALL NEW WALL DIMMER(S). REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTLIZING THE EXISTING LIGHTING CIRCUIT.
2. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES).
3. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
4. REMOVE EXISTING EXIT LIGHTING FIXTURE(S) IN THIS ROOM AND PREPARE WIRING FOR CONNECTION OF THE NEW EXIT SIGN TO THE EXISTING EMERGENCY LIGHITNG CIRCUIT AHEAD OF ANY CONTROLS, UNLESS OTHERWISE NOTED.
5. REMOVE EXISTING EMERGENCY LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF NEW LIGHTING FIXTURE(S) TO THE EXISTING EMERGENCY LIGHTING CIRCUIT.
6. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND EXISTING LIGHT SWITCH(ES).
7. REMOVE EXISTING PENDANT MOUNTED LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING PENDANTS AND WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW PENDANT MOUNTED LIGHTING FIXTURES AND EXISTING LIGHTING CONTROLS.

AD-1

8. REMOVE EXISTING CORRIDOR LIGHTING FIXTURE(S) AND OCCUPANCY SENSOR(S) AND IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND NEW nLIGHT LIGHTING CONTROL PANEL AND CONTROLLER. REMOVE EXISTING LIGHT SWITCHES IN THIS ROOM AND REMOVE WIRING BACK TO THE FIRST JUNCTION BOX.
9. REMOVE EXISTING EXTERIOR LIGHTING FIXTURE AND PREPARE WIRING FOR CONNECTION TO THE NEW EXTERIOR LIGHTING FIXTURE.

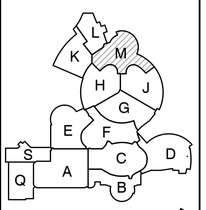
UNIT "M1" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

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

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

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AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "M1" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
ED115

Friday, 4/25/2025 - 2:47 PM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\DRAWINGS\09 ELEC\ED115.DWG

GENERAL ELECTRICAL DEMOLITION NOTES:

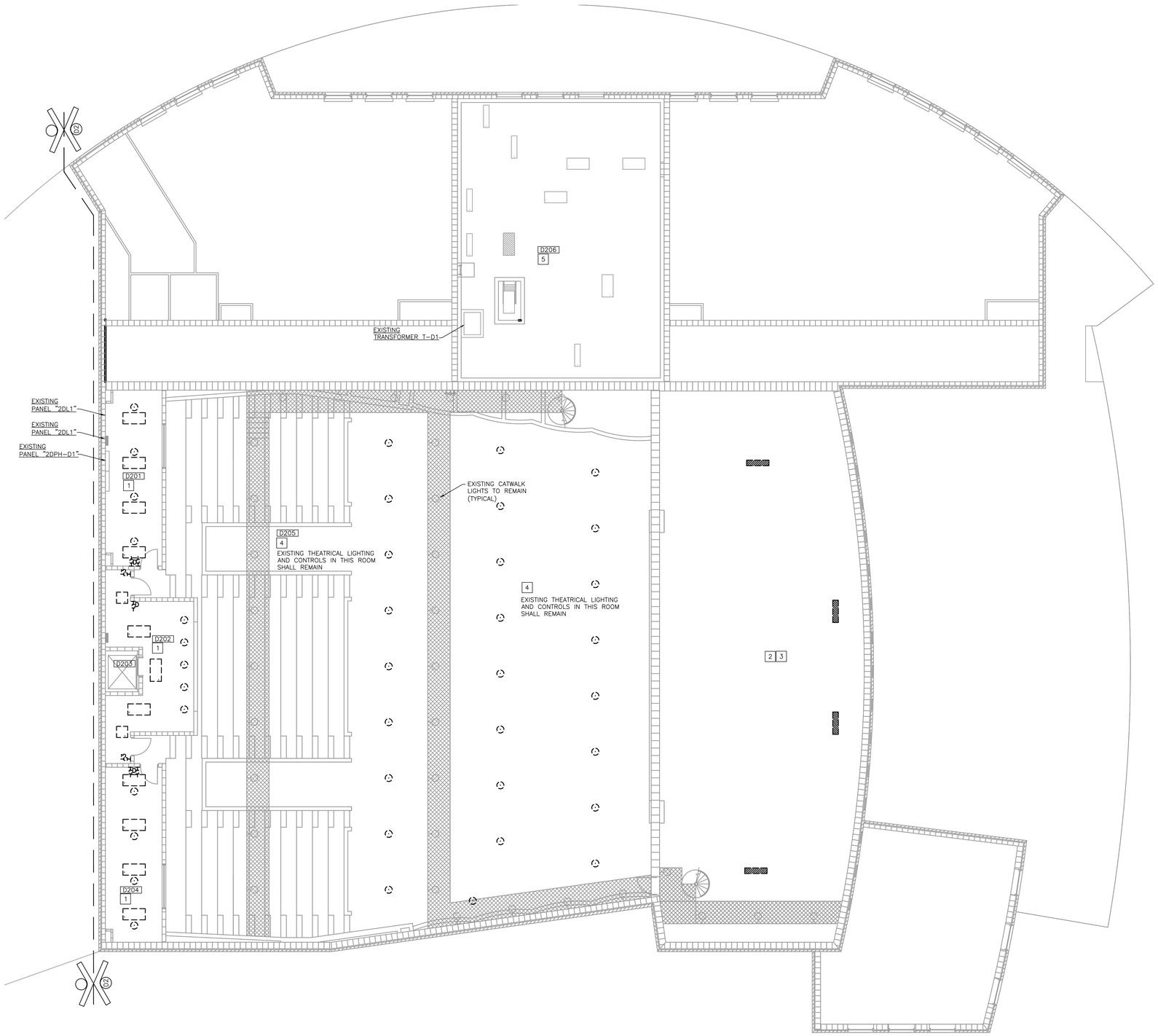
1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. REMOVE ANY EXISTING OCCUPANCY SENSOR(S) AND ASSOCIATED WIRING IN ROOMS THAT MAY BE IN ROOMS WHERE THE EXISTING LIGHTING FIXTURES ARE BEING REPLACED, UNLESS OTHERWISE NOTED.

DEMOLITION PLAN NOTES:

AD-1

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, OCCUPANCY SENSOR(S) AND EXISTING LIGHT SWITCH(ES) AND WALL DIMMERS UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM UNDER ALTERNATE BID REMOVE EXISTING LIGHT SWITCH(ES) AND WALL DIMMERS IN THIS ROOM AND INSTALL NEW WALL DIMMER(S). REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTLIZING THE EXISTING LIGHTING CIRCUIT.
2. REMOVE EXISTING LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND EXISTING LIGHT SWITCH(ES).
3. REMOVE EXISTING EMERGENCY LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF NEW LIGHTING FIXTURE(S) TO THE EXISTING EMERGENCY LIGHTING CIRCUIT.
4. REMOVE EXISTING PENDANT MOUNTED HOUSE LIGHTING FIXTURES IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES AND CONTROLS.
5. EXISTING LIGHTING FIXTURES AND SWITCHES IN THIS ROOM SHALL REMAIN.



UNIT "D" ELECTRICAL SECOND FLOOR DEMOLITION LIGHTING PLAN

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

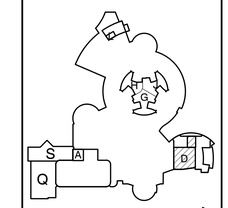
NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



UPPER LEVEL KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

DAVID G. JANNET REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

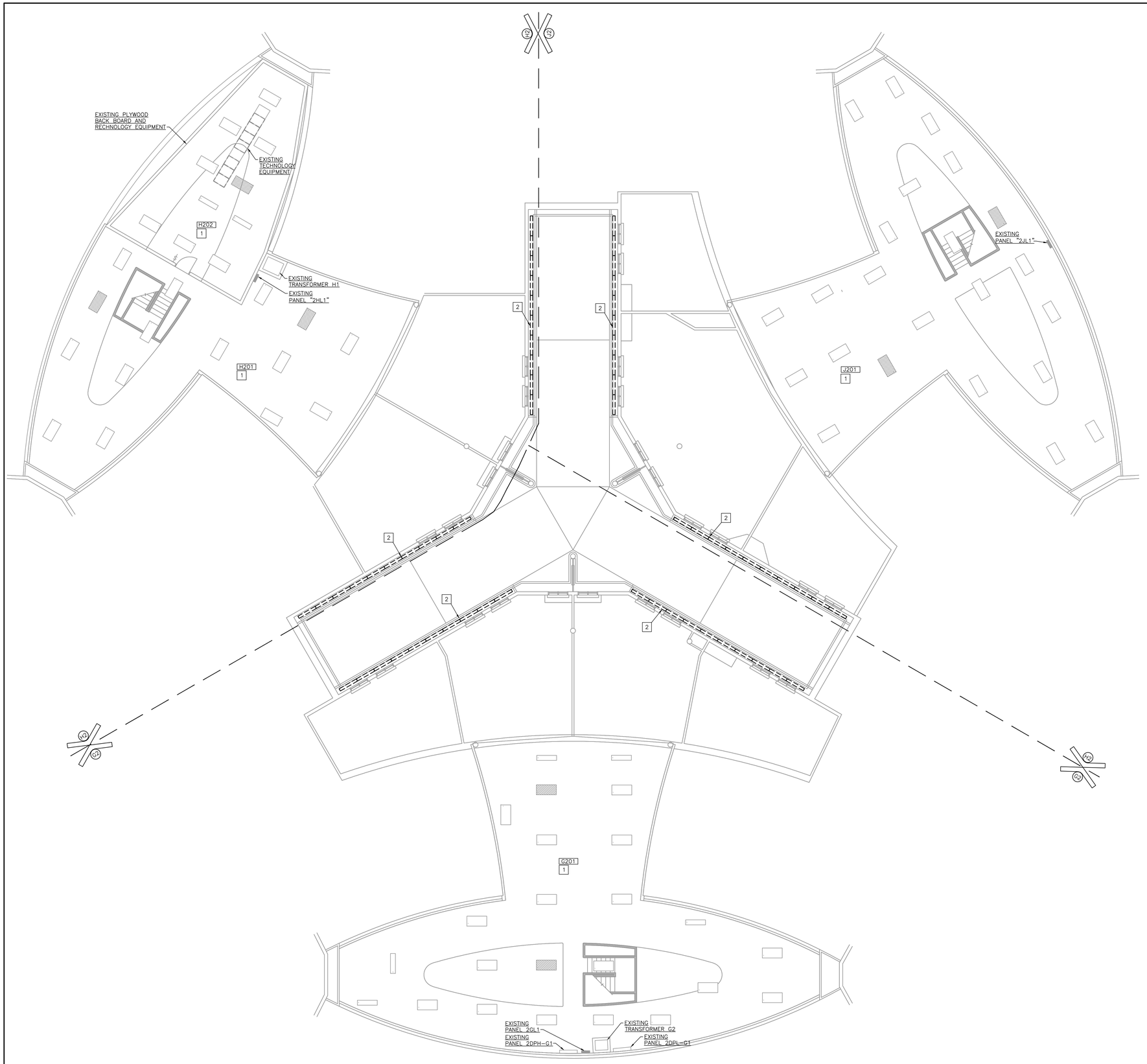
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNITS "D" ELECTRICAL SECOND FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
ED117



GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. REMOVE ANY EXISTING OCCUPANCY SENSOR(S) AND ASSOCIATED WIRING IN ROOMS THAT MAY BE IN ROOMS WHERE THE EXISTING LIGHTING FIXTURES ARE BEING REPLACED, UNLESS OTHERWISE NOTED.

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. EXISTING LIGHTING FIXTURES, CONTROLLERS, ETC IN THIS ROOM SHALL REMAIN.
2. REMOVE EXISTING UPPER COVE LIGHTING FIXTURE(S) IN THIS ROOM. REMOVE WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION TO NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND NEW NLIGHT PUSHBUTTON CONTROLLER LOCATED ON THE FIST FLOOR..

UNITS "G", "H" AND "J" ELECTRICAL SECOND FLOOR DEMOLITION LIGHTING PLAN

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

NORTH

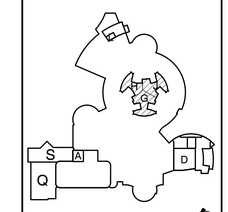
UNIT "F" ELECTRICAL SECOND FLOOR DEMOLITION LIGHTING PLAN

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

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



UPPER LEVEL KEY PLAN

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PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01
		(ENTIRE SHEET)

DRAWING
UNITS "F", "G", "H" AND "J" ELECTRICAL SECOND FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
ED118

Friday, 4/25/2025 - 3:21 PM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\ED118.DWG

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL LIGHTING NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SHEETS FOR ELECTRICAL SCHEDULES.

ELECTRICAL PLAN NOTES:

AD-1

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
   UNDER ALTERNATE BID, PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING LIGHT SWITCHES WITH NEW WALL DIMMERS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW WALL DIMMERS TO THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSOR AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND LIGHT SWITCHES, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.
6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.
7. CONNECT THE NEW EXIT SIGN IN THIS ROOM TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA AHEAD OF ANY CONTROLS.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW WALL MOUNTED OCCUPANCY SENSORS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
9. PROVIDE NEW EXIT SIGN AND CONNECT IT TO THE EXISTING EMERGENCY CIRCUIT AHEAD OF ANY CONTROLS.
10. EXISTING LIGHTING FIXTURES, CONTROLS, ETC. IN THIS ROOM SHALL REMAIN.
11. REPLACE EXISTING EXTERIOR LIGHTING FIXTURES WITH NEW EXTERIOR LIGHTING FIXTURES AND CONNECT TO THE EXISTING EXTERIOR LIGHTING CIRCUIT AND CONTROLS, UNLESS OTHERWISE NOTED.
12. REPLACE EXISTING DISPLAY CASE LIGHTING FIXTURES WITH NEW DISPLAY CASE LIGHTING FIXTURES AND CONNECT THEM TO THE EXISTING LIGHTING CIRCUIT AND CONTROLS.

AD-1

13. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS TO THE NEW ACUITY BRAND LIGHTING CONTROLLERS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
14. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDORS A029, A030, ATHLETIC LOBBY A031, VESTIBULE A035.
15. PROVIDE A NEW ACUITY BRAND OR APPROVED EQUAL LIGHTING CONTROL PANEL "LCPA1" TO SERVE THE NEW CORRIDOR LIGHTS, OCCUPANCY SENSORS AND ACUITY BRAND LIGHTING CONTROLLERS. NEW LIGHTING CONTROL PANEL SHALL BE CAPABLE OF SERVING THE CORRIDOR LIGHTING CIRCUITS AS WELL AS SERVING TWO ADDITIONAL FUTURE LIGHTING CIRCUITS.

ROOM LEGEND

ROOM NO.	ROOM NAME
A001	LAUNDRY
A002	STORAGE
A003	HYDRO THERAPY
A004	TRAINING
A005	TOILET
A006	OFFICE
A007	WEIGHT ROOM
A008	FITNESS OFFICE
A009	FITNESS CENTER
A010	PASSAGE
A011	STAIR
A012	STORAGE
A013	PASSAGE
A014	TOILET
A015	COACH OFFICE
A016	SHOWER
A017	BOYS LOCKER
A018	ELEVATOR EQUIPMENT
A019	ELEVATOR
A020	GIRLS ATHLETIC LOCKER
A021	SHOWER
A022	SHOWER
A023	DRYING
A024	BOYS ATHLETIC LOCKER
A025	TOILET
A026	COACH
A027	TOILET
A028	COACH
A029	CORRIDOR
A030	CORRIDOR
A031	ATHLETIC LOBBY
A032	STAIR
A033	TRAINING STORAGE
A034	VESTIBULE
A035	VESTIBULE
A036	JANITOR

UNIT "A" ELECTRICAL LOWER LEVEL LIGHTING PLAN

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

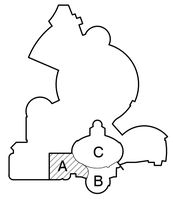
NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



LOWER LEVEL KEY PLAN

GIBRALTAR DESIGN
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Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING

UNIT "A" ELECTRICAL LOWER LEVEL LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET

E-101

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SHEETS FOR ELECTRICAL SCHEDULES.

ROOM LEGEND	
ROOM NO.	ROOM NAME
B001	---
B002	POOL
B003	BOYS LOCKER
B004	SHOWER
B005	DRYING
B006	SHOWER
B007	---
B008	GIRLS LOCKER
B009	STORAGE
B010	POOL FILTER/PUMP
B011	TOILET
B012	COACH OFFICE
B013	OFFICE
B014	SHOWER
B015	GIRLS LOCKER
B016	SWITCHGEAR
B017	VESTIBULE
B018	JANITOR

ELECTRICAL PLAN NOTES:

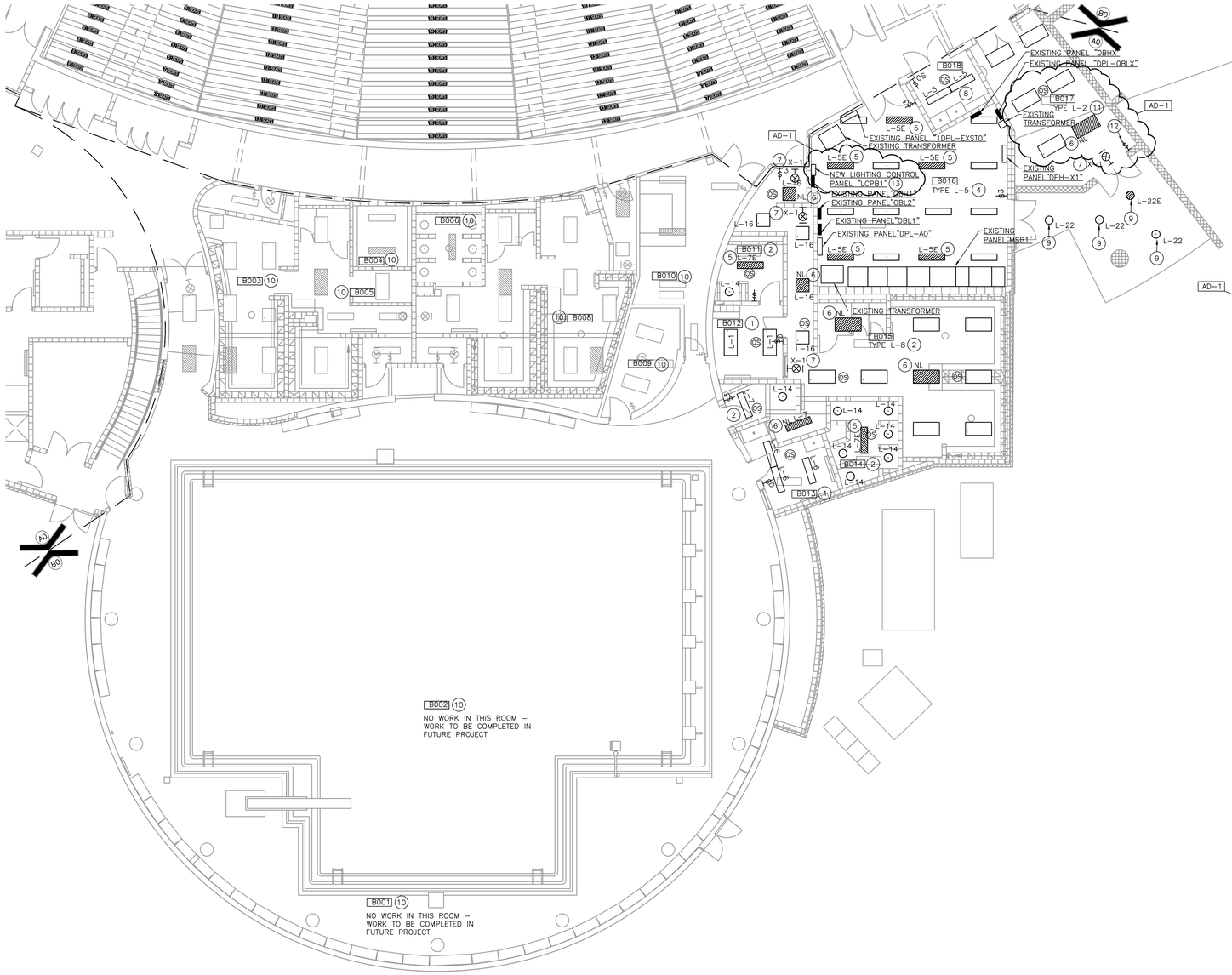
(THESE NOTES APPLY TO THIS SHEET ONLY)

AD-1

1. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
   UNDER ALTERNATE BID, PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING LIGHT SWITCHES WITH NEW WALL DIMMERS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW WALL DIMMERS TO THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM.
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.
6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.
7. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW WALL MOUNTED OCCUPANCY SENSORS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
8. REPLACE EXISTING CANOPY LIGHTING FIXTURES WITH NEW CANOPY LIGHTING FIXTURES AND CONNECT TO THE EXISTING CIRCUIT AND CONTROLS, UNLESS OTHERWISE NOTED.
9. EXISTING LIGHTING FIXTURES, CONTROLS, ETC IN THIS ROOM TO REMAIN.

AD-1

10. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS TO THE NEW ACUITY BRAND LIGHTING CONTROLLERS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
11. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDORS VESTIBULE B017 AND CORRIDOR C029. (LIGHTING CONTROL PANEL "LCPB1" IN SWITCHGEAR B016).
12. PROVIDE A NEW ACUITY BRAND OR APPROVED EQUAL LIGHTING CONTROL PANEL "LCPB1" TO SERVE THE NEW CORRIDOR LIGHTS, OCCUPANCY SENSORS AND ACUITY BRAND LIGHTING CONTROLLERS. NEW LIGHTING CONTROL PANEL SHALL BE CAPABLE OF SERVING THE CORRIDOR LIGHTING CIRCUITS AS WELL AS SERVING TWO ADDITIONAL FUTURE LIGHTING CIRCUITS.



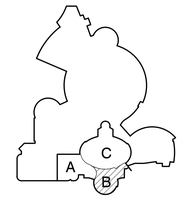
UNIT "B" ELECTRICAL LOWER LEVEL LIGHTING PLAN

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

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



LOWER LEVEL KEY PLAN

GIBRALTAR DESIGN
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Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "B" ELECTRICAL LOWER LEVEL LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
E-102

Thursday, 4/24/2025 - 12:27 PM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\E-102.DWG

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SHEETS FOR ELECTRICAL SCHEDULES.

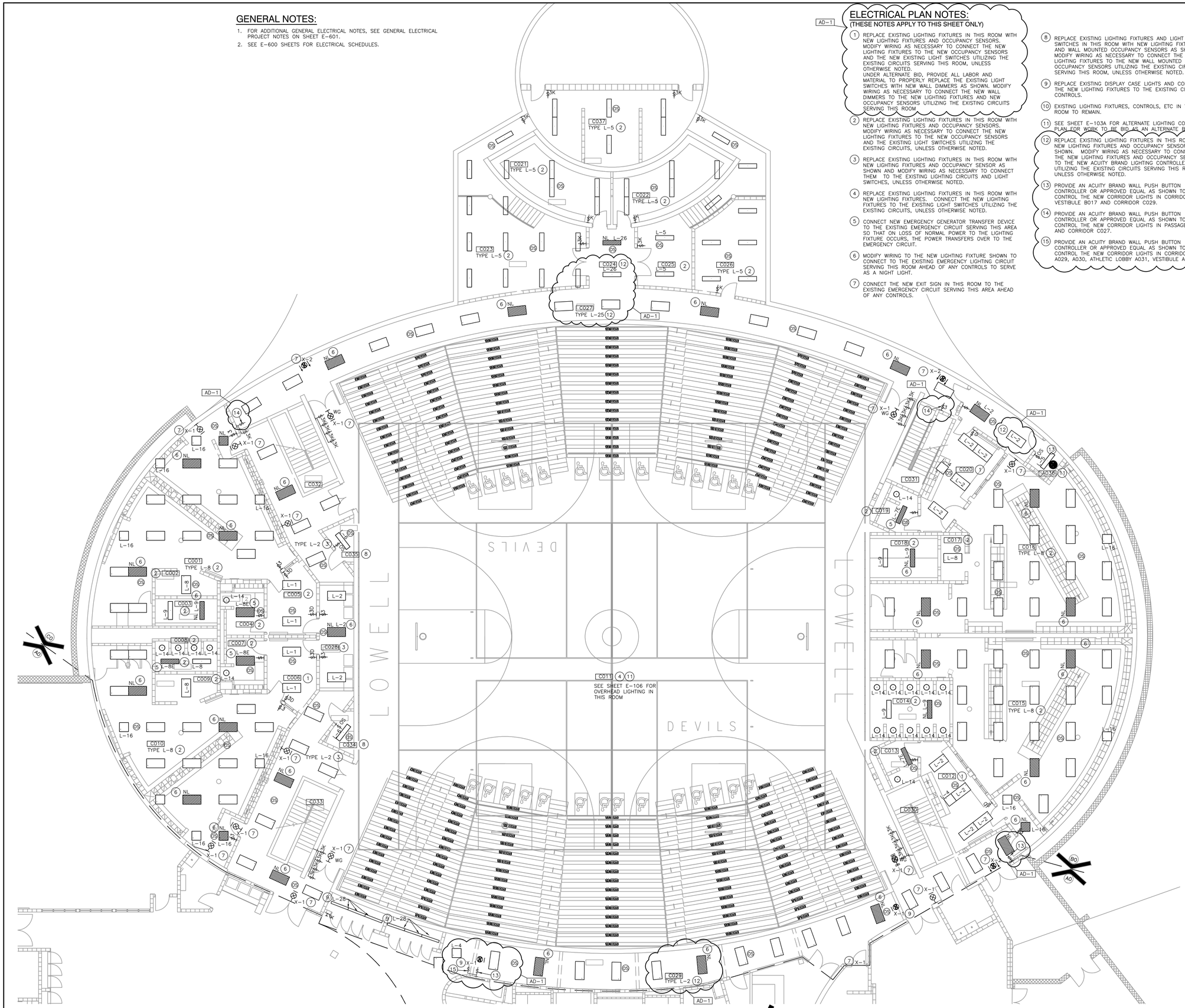
ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
   UNDER ALTERNATE BID, PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING LIGHT SWITCHES WITH NEW WALL DIMMERS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW WALL DIMMERS TO THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM.
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSOR AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND LIGHT SWITCHES, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.
6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.
7. CONNECT THE NEW EXIT SIGN IN THIS ROOM TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA AHEAD OF ANY CONTROLS.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW WALL MOUNTED OCCUPANCY SENSORS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
9. REPLACE EXISTING DISPLAY CASE LIGHTS AND CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING CIRUIT AND CONTROLS.
10. EXISTING LIGHTING FIXTURES, CONTROLS, ETC IN THIS ROOM TO REMAIN.
11. SEE SHEET E-103A FOR ALTERNATE LIGHTING CONTROL PLAN FOR WORK TO BE BID AS AN ALTERNATE BID.
12. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS TO THE NEW ACUITY BRAND LIGHTING CONTROLLERS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
13. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDOR VESTIBULE B017 AND CORRIDOR C029.
14. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN PASSAGE C024 AND CORRIDOR C027.
15. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDORS A029, A030, ATHLETIC LOBBY A031, VESTIBULE A035.

ROOM LEGEND

ROOM NO.	ROOM NAME
C001	BOYS PE LOCKER
C002	DRYING
C003	SHOWER
C004	TOILET
C005	COACH OFFICE
C006	COACH OFFICE
C007	TOILET
C008	SHOWER
C009	DRYING
C010	GIRLS PE LOCKER
C011	GYMNASIUM
C012	COACH OFFICE
C013	TOILET
C014	SHOWER
C015	GIRLS ATHLETIC LOCKER
C016	BOYS ATHLETIC LOCKER
C017	DRYING
C018	SHOWER
C019	TOILET
C020	COACH OFFICE
C021	B-BALL STORAGE
C022	B-BALL STORAGE
C023	PE STORAGE
C024	PASSAGE
C025	ATH. EQUIP. STORAGE
C026	VOLLEYBALL STORAGE
C027	CORRIDOR
C028	CORRIDOR
C029	CORRIDOR
C030	STAIR
C031	STAIR
C032	STAIR
C033	STAIR
C034	JANITOR
C035	STORAGE
C036	JANITOR
C037	CRAWL SPACE



UNIT "C" ELECTRICAL LOWER LEVEL LIGHTING PLAN

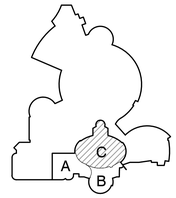
SCALE: 1/8" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



LOWER LEVEL KEY PLAN

GIBRALTAR DESIGN
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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

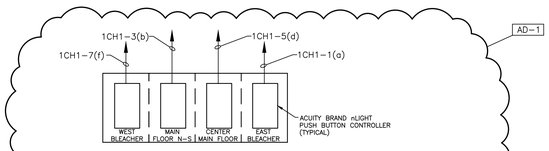
DRAWING
UNIT "C" ELECTRICAL LOWER LEVEL LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
E-103

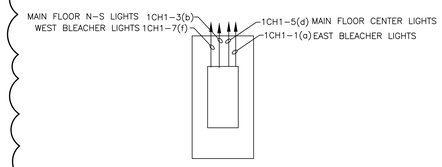
Thursday, 4/24/2025 - 1:53 PM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\E-103.DWG

AD-1



GYMNASIUM LIGHTING CONTROL STATION DETAIL "A"

NOT TO SCALE — THREE REQUIRED



GYMNASIUM LIGHTIING CONTROL STATION DETAIL "B"

NOT TO SCALE — ONE(1) REQUIRED

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SHEETS FOR ELECTRICAL SCHEDULES.
3. NEW CONTROLS AND CIRCUITING SHOWN ON THIS PLAN SHALL BE BID AS AN ALTERNATE BID.

AD-1

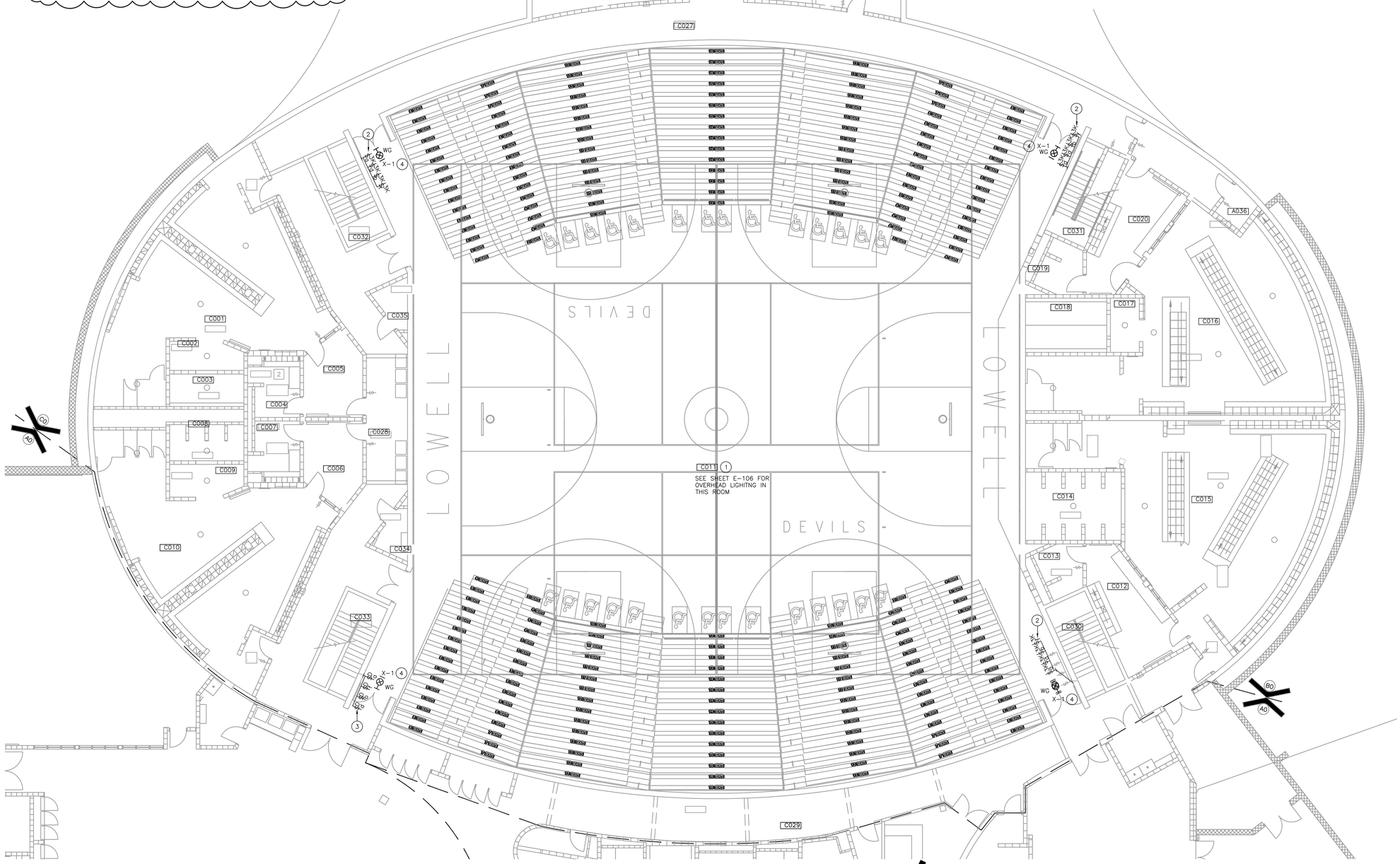
ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. UNDER AN ALTERNATE BID, MODIFY THE EXISTING CONTROLS AND CIRCUITING FOR THE NEW LIGHTING FIXTURES (PROVIDED UNDER BASE BID) IN THE GYMNASIUM AS SHOWN. REMOVE ANY WIRING NOT REUSED FOR THE NEW CIRCUITING BACK TO THE SOURCE, UNLESS OTHERWISE NOTED.
2. UNDER AN ALTERNATE BID, REPLACE THE EXISTING LIGHT SWITCHES WITH NEW nLIGHT LIGHT SWITCHES AS SHOWN. PROVIDE NEW WIRING AND CONNECT THEM TO THE NEW CIRCUITS SHOWN. SEE GYMNASIUM LIGHTING CONTROL DETAIL "A" ON THIS SHEET.
3. UNDER AN ALTERNATE BID, REPLACE THE EXISTING LIGHT SWITCHES WITH NEW nLIGHT UNITOUCH TOUSCH SCREEN CONTROER AS SHOWN. PROVIDE NEW WIRING AND CONNECT THEM TO THE NEW CIRCUITS SHOWN. IN ADDITION, PROVIDE THE APPROPRIATE HINGED WIRE GUARD TO PROTECT THE WALL DIMMERS FROM UNAUTHORIZED USE. SEE GYMNASIUM LIGHTING CONTROL DETAIL "B" ON THIS SHEET.
4. EXIT LIGHT SHOWN AND CIRCUIT PART OF BASE BID.

ROOM LEGEND

ROOM NO.	ROOM NAME
C001	BOYS PE LOCKER
C002	DRYING
C003	SHOWER
C004	TOILET
C005	COACH OFFICE
C006	COACH OFFICE
C007	TOILET
C008	SHOWER
C009	DRYING
C010	GIRLS PE LOCKER
C011	GYMNASIUM
C012	COACH OFFICE
C013	TOILET
C014	SHOWER
C015	GIRLS ATHLETIC LOCKER
C016	BOYS ATHLETIC LOCKER
C017	DRYING
C018	SHOWER
C019	TOILET
C020	COACH OFFICE
C021	B-BALL STORAGE
C022	B-BALL STORAGE
C023	PE STORAGE
C024	PASSAGE
C025	ATH. EQUIP. STORAGE
C026	VOLLEYBALL STORAGE
C027	CORRIDOR
C028	CORRIDOR
C029	CORRIDOR
C030	STAIR
C031	STAIR
C032	STAIR
C033	STAIR
C034	JANITOR
C035	STORAGE
C036	JANITOR
C037	CRAWL SPACE



GYMNASIUM LOWER LEVEL LIGHTING CONTROL PLAN

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

NORTH

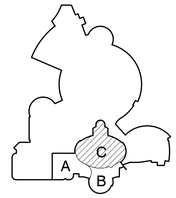
GIBRALTAR DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



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REVISIONS

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DRAWING
GYMNASIUM LOWER LEVEL LIGHTING CONTROL PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
E-103A

Thursday, 4/24/2025 - 12:00 PM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\E-103A.DWG

AD-1

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
   UNDER ALTERNATE BID, PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING LIGHT SWITCHES WITH NEW WALL DIMMERS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW WALL DIMMERS TO THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND CONTROLS, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.
6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.
7. CONNECT THE NEW EXIT SIGN IN THIS ROOM TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA AHEAD OF ANY CONTROLS.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES, WALL SWITCHES AND OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW WALL SWITCHES UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
9. EXISTING LIGHTING FIXTURES AND CONTROLS IN THIS ROOM SHALL REMAIN.
10. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT NEW LIGHTING FIXTURES TO THE EXISTING LIGHTING CIRCUITS, SWITCHES AND LIGHTING CONTACTORS.
11. PROVIDE HIGH CEILING TYPE OCCUPANCY SENSORS CONNECTED TO THE NEW LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM.

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SHEETS FOR ELECTRICAL SCHEDULES.
3. COORDINATE THE LIGHTING CONTROLS OF THE LIGHTING IN THE CLASSROOMS SO THAT THE ROOM CLOSET TO THE TEACHING WALL IS CONTROLLED BY ONE OF THE WALL DIMMERS AND THE REMAINING LIGHTS IN THE ROOM ARE CONTROLLED BY THE SECOND WALL DIMMER.

ROOM LEGEND	
ROOM NO.	ROOM NAME
A101	FIELD HOUSE
A102	BOILER ROOM
A103	GYMNASTICS AREA
A104	MAINTENANCE
A105	ATHLETIC STORAGE
A106	JANITOR
A107	WRESTLING
A108	CORRIDOR
A109	STAIR

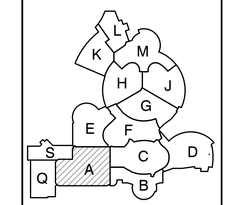
UNIT "A" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



FIRST FLOOR KEY PLAN

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DRAWING
UNIT "A" ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

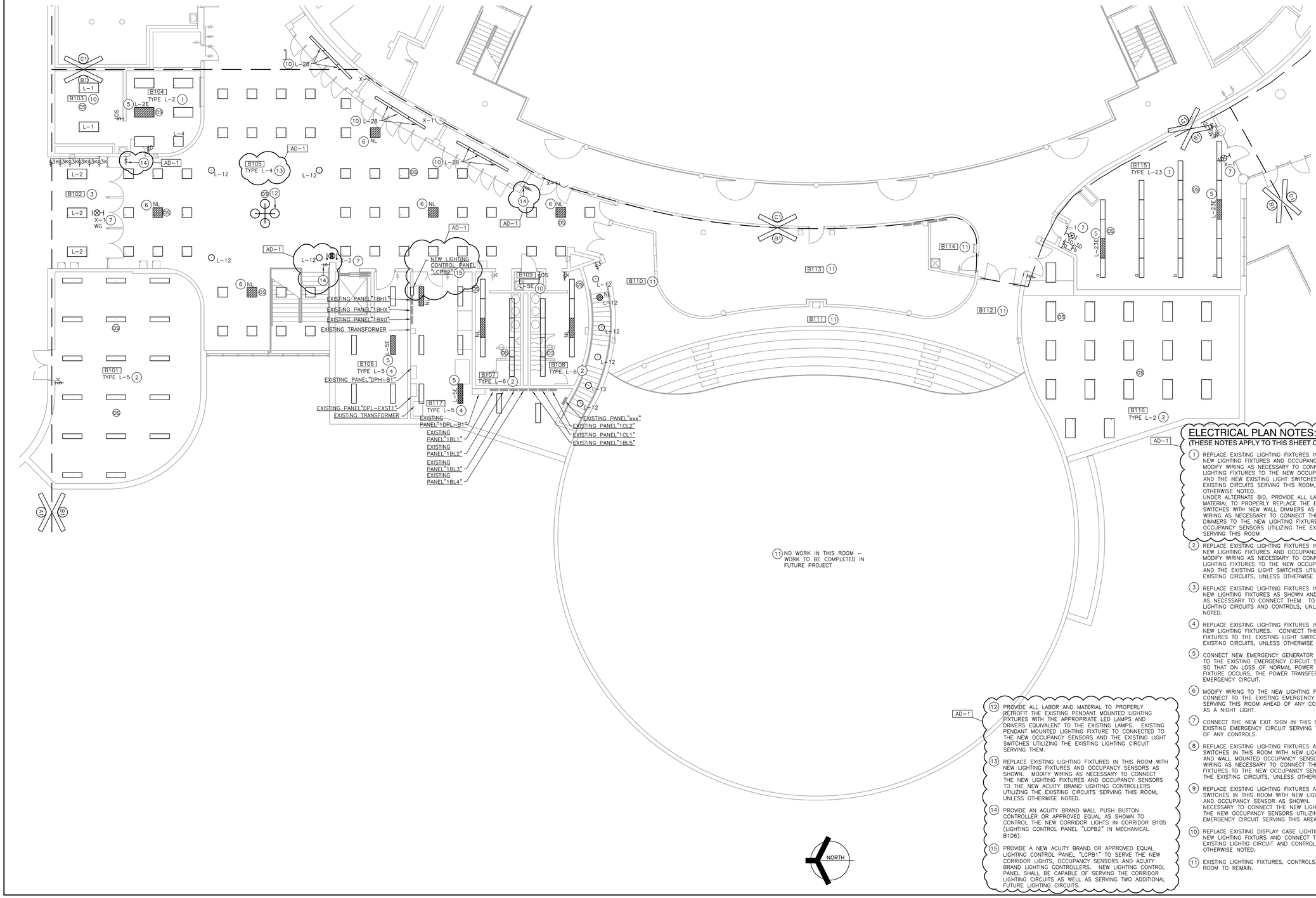
SHEET
E-104

Thursday, 4/24/2025 - 2:04 PM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\E-104.DWG

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SHEETS FOR ELECTRICAL SCHEDULES.
3. COORDINATE THE LIGHTING CONTROLS OF THE LIGHTING IN THE CLASSROOMS SO THAT THE ROOM CLOSET TO THE TEACHING WALL IS CONTROLLED BY ONE OF THE WALL DIMMERS AND THE REMAINING LIGHTS IN THE ROOM ARE CONTROLLED BY THE SECOND WALL DIMMER.

ROOM LEGEND	
ROOM NO.	ROOM NAME
B101	ATHLETIC STORAGE
B102	ENTRY
B103	STORAGE
B104	POOL CONCESSIONS
B105	POOL LOBBY
B106	MECHANICAL
B107	GIRLS
B108	GIRLS TOILET
B109	JANITOR
B110	PASSAGE
B111	POOL SEATING
B112	PASSAGE
B113	ATHLETIC STORAGE
B114	JANITOR
B115	ENGLISH DRAMA
B116	GENERAL STORAGE
B117	ELECTRICAL
B118	ELEVATOR



(11) NO WORK IN THIS ROOM - WORK TO BE COMPLETED IN FUTURE PROJECT

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

AD-1

1. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
   UNDER ALTERNATE BID, PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING LIGHT SWITCHES WITH NEW WALL DIMMERS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW WALL DIMMERS TO THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND CONTROLS, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.
6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.
7. CONNECT THE NEW EXIT SIGN IN THIS ROOM TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA AHEAD OF ANY CONTROLS.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
9. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSOR AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS UTILIZING THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA.
10. REPLACE EXISTING DISPLAY CASE LIGHTING FIXTURES WITH NEW LIGHTING FIXTURES AND CONNECT THEM TO THE THE EXISTING LIGHTIG CIRCUIT AND CONTROLS, UNLESS OTHERWISE NOTED.
11. EXISTING LIGHTING FIXTURES, CONTROLS, ETC IN THIS ROOM TO REMAIN.

AD-1

12. PROVIDE ALL LABOR AND MATERIAL TO PROPERLY RETROFIT THE EXISTING PENDANT MOUNTED LIGHTING FIXTURES WITH THE APPROPRIATE LED LAMPS AND DRIVERS EQUIVALENT TO THE EXISTING LAMPS. EXISTING PENDANT MOUNTED LIGHTING FIXTURE TO CONNECTED TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THEM.
13. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS TO THE NEW ACUITY BRAND LIGHTING CONTROLLERS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
14. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDOR B105 (LIGHTING CONTROL PANEL "LCPB2" IN MECHANICAL B106).
15. PROVIDE A NEW ACUITY BRAND OR APPROVED EQUAL LIGHTING CONTROL PANEL "LCPB1" TO SERVE THE NEW CORRIDOR LIGHTS, OCCUPANCY SENSORS AND ACUITY BRAND LIGHTING CONTROLLERS. NEW LIGHTING CONTROL PANEL SHALL BE CAPABLE OF SERVING THE CORRIDOR LIGHTING CIRCUITS AS WELL AS SERVING TWO ADDITIONAL FUTURE LIGHTING CIRCUITS.

GIBRALTAR DESIGN
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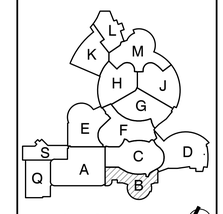
PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



FIRST FLOOR KEY PLAN

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DRAWING
UNIT "B" ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
E-105

Thursday, 4/24/2025 - 2:26 PM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\E-105.DWG

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

AD-1

1. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
   UNDER ALTERNATE BID, PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING LIGHT SWITCHES WITH NEW WALL DIMMERS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW WALL DIMMERS TO THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM.
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND CONTROLS, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.
6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.
7. CONNECT THE NEW EXIT SIGN IN THIS ROOM TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA AHEAD OF ANY CONTROLS.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
9. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSOR AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS UTILIZING THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA.
10. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
11. EXISTING LIGHTING FIXTURES, CONTROLS, ETC IN THIS ROOM TO REMAIN. NEW WORK TO BE COMPLETED IN A FUTURE PROJECT.
12. SEE SHEET E-106A FOR ALTERNATE LIGHTING CONTROL PLAN FOR WORK TO BE BID AS AN ALTERNATE BID.
13. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS TO THE NEW ACUITY BRAND LIGHTING CONTROLLERS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
14. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDOR B105 (LIGHTING CONTROL PANEL "LCPB2" IN MECHANICAL B106).
15. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDOR C-118 (LIGHTING CONTROL PANEL "LCPC1" IN ELECTRICAL F108).
16. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDOR C-117 (LIGHTING CONTROL PANEL "LCPC1" IN ELECTRICAL F108).
17. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDOR C-120 (LIGHTING CONTROL PANEL "LCPB2" IN MECHANICAL B106).
18. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDOR C-121 AND F152 (LIGHTING CONTROL PANEL "LCPF1" IN ELECTRICAL F148).

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SHEETS FOR ELECTRICAL SCHEDULES.
3. COORDINATE THE LIGHTING CONTROLS OF THE LIGHTING IN THE CLASSROOMS SO THAT THE ROOM CLOSET TO THE TEACHING WALL IS CONTROLLED BY ONE OF THE WALL DIMMERS AND THE REMAINING LIGHTS IN THE ROOM ARE CONTROLLED BY THE SECOND WALL DIMMER.

ROOM LEGEND	
ROOM NO.	ROOM NAME
C101	MECHANICAL
C102	IDF
C103	GIRLS PE LOCKER
C104	DRYING
C105	SHOWER
C106	TOILET
C107	OFFICE
C108	OFFICE
C109	TOILET
C110	SHOWER
C111	DRYING
C112	BOYS PE LOCKER
C113	MAINTENANCE OFFICE
C114	HEALTH CLASSROOM
C115	HEALTH CLASSROOM
C116	CORRIDOR
C117	UPPER DECK
C118	UPPER DECK
C119	CORRIDOR
C120	CORRIDOR
C121	CORRIDOR
C122	STORAGE
C123	STORAGE
C124	STORAGE
C125	STORAGE
C126	STORAGE

EXISTING PANEL "LCPC1"

EXISTING PANEL "DD"

UPPER FIELD HOUSE TYPE L-10 (3) (12)

UNIT "C" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

NORTH

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ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
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TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA

FIRST FLOOR KEY PLAN

GIBRALTAR DESIGN
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PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REGISTERED PROFESSIONAL ENGINEER DAVID G. JANNEY NO. 10302590 STATE OF INDIANA

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "C" ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
E-106

Thursday, 4/24/2025 — 8:18 PM — LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\E-106.DWG

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SHEETS FOR ELECTRICAL SCHEDULES.
3. SEE SHEET E-108 FOR PLAN NOTES.

ROOM LEGEND	
ROOM NO.	ROOM NAME
D101	VESTIBULE
D102	VESTIBULE
D103	OFFICE TICKETS
D104	LARGE ENESEMBLE
D105	UNIFORM STORAGE
D106	TOILET
D107	TOILET
D108	VOCAL REHEARSAL RM
D109	MUSIC LIBRARY
D110	PRACTICE
D111	PRACTICE
D112	PRACTICE
D113	PRACTICE
D114	MUSIC LIBRARY
D115	PASSAGE
D116	MUSIC OFFICE
D117	PRACTICE
D118	MUSIC OFFICE
D119	IDF
D120	ELECTRICAL
D121	MEZZANINE ACCESS
D122	CONFERENCE
D123	UNIFORM STORAGE
D124	NSTRUMENT REHEARSAL
D125	REPAIR
D126	VESTIBULE
D127	TOILET
D128	TOILET
D129	DRESSING
D130	DRESSING
D131	---
D132	---
D133	COSTUME STORAGE
D134	COSTUME STORAGE
D135	PROP STORAGE
D136	STAGE CRAFT FLAT STORAGE
D137	NSTURMENT STORAGE
D138	AUDITORIUM STAGE
D139	ORCHESTRA PIT
D140	STAIR
D141	STORAGE
D142	AUDITORIUM SEATING
D143	GIRLS TOILETS
D144	PASSAGE
D145	CONCESSIONS COATS
D146	ELEVATOR EQUIP.
D147	JANITOR
D148	CONCESSIONS
D149	PASSAGE
D150	BOYS TOILET
D151	---
D152	---
D153	AUDITORIUM LOBBY
D154	CORRIDOR
D155	CORRIDOR

D142
SEE UNIT "D" SECOND FLOOR PLAN FOR OVERHEAD LIGHTING IN THIS ROOM. EXISTING THEATRICAL LIGHTING AND CONTROLS IN THIS ROOM SHALL REMAIN

D139
SEE UNIT "D" SECOND FLOOR PLAN FOR OVERHEAD LIGHTING IN THIS ROOM. EXISTING THEATRICAL LIGHTING AND CONTROLS IN THIS ROOM SHALL REMAIN

D138
SEE UNIT "D" SECOND FLOOR PLAN FOR OVERHEAD LIGHTING IN THIS ROOM. EXISTING THEATRICAL LIGHTING AND CONTROLS IN THIS ROOM SHALL REMAIN

UNIT "D" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

NORTH

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PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA

FIRST FLOOR KEY PLAN

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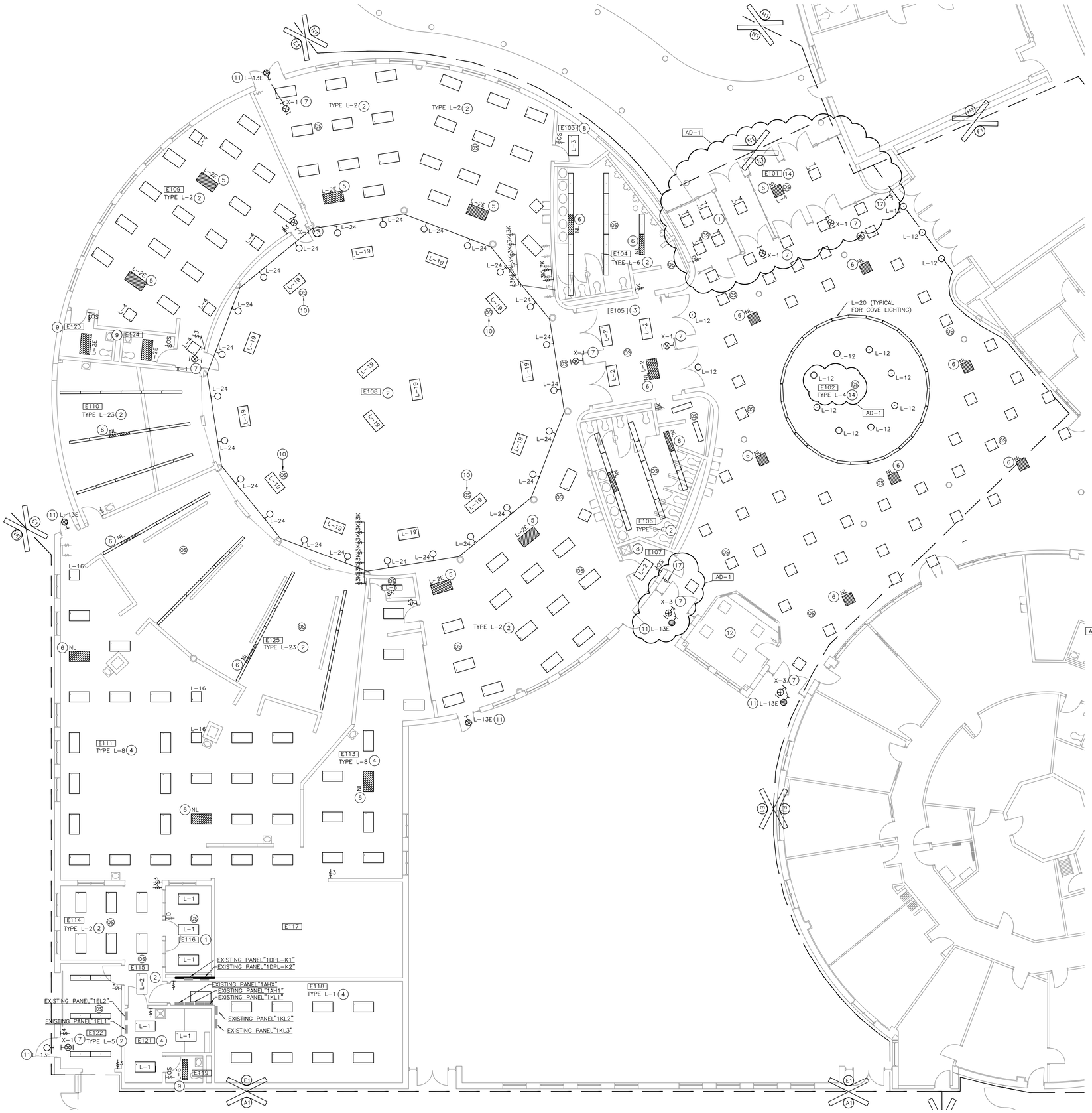
DRAWING
UNIT "D" ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
E-107

Thursday, 4/24/2025 - 4:55 PM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\E-107.DWG



UNIT "E" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SHEETS FOR ELECTRICAL SCHEDULES.
3. COORDINATE THE LIGHTING CONTROLS OF THE LIGHTING IN THE CLASSROOMS SO THAT THE ROOM CLOSET TO THE TEACHING WALL IS CONTROLLED BY ONE OF THE WALL DIMMERS AND THE REMAINING LIGHTS IN THE ROOM ARE CONTROLLED BY THE SECOND WALL DIMMER.

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
   UNDER ALTERNATE BID, PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING LIGHT SWITCHES WITH NEW WALL DIMMERS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW WALL DIMMERS TO THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM.
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND CONTROLS, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.
6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.
7. CONNECT THE NEW EXIT SIGN IN THIS ROOM TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA AHEAD OF ANY CONTROLS.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
9. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSOR AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS UTILIZING THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA.
10. PROVIDE HIGH CEILING TYPE OCCUPANCY SENSORS CONNECTED TO THE NEW LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM.
11. REPLACE EXISTING EXTERIOR LIGHTING FIXTURE WITH NEW EXTERIOR LIGHTING FIXTURE AND CONNECT TO THE EXISTING EXTERIOR LIGHTING CIRCUIT AND CONTROLS, UNLESS OTHERWISE NOTED.
12. EXISTING LIGHTING FIXTURES, CONTROLS, ETC IN THIS ROOM TO REMAIN.
13. REPLACE EXISTING WALL MOUNTED LIGHTING FIXTURE WITH NEW WALL MOUNTED LIGHTING FIXTURE AND CONNECT TO THE EXISTING LIGHTING CIRCUIT AND CONTROLS.
14. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS TO THE NEW ACUITY BRAND LIGHTING CONTROLLERS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
15. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN VESTIBULE D101, VESTIBULE D102, AUDITORIUM LOBBY D153, CORRIDORS D154 AND D155. (LIGHTING CONTROL PANEL "LCPD1" IN ELECTRICAL D120).
16. PROVIDE A NEW ACUITY BRAND OR APPROVED EQUAL LIGHTING CONTROL PANEL "LCPD1" TO SERVE THE NEW CORRIDOR LIGHTS, OCCUPANCY SENSORS AND ACUITY BRAND LIGHTING CONTROLLERS. NEW LIGHTING CONTROL PANEL SHALL BE CAPABLE OF SERVING THE CORRIDOR LIGHTING CIRCUITS AS WELL AS SERVING TWO ADDITIONAL FUTURE LIGHTING CIRCUITS.
17. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN VESTIBULE E101 AND MAIN COMMONS E102. (LIGHTING CONTROL PANEL "LCPA1" IN STORAGE A002)

ROOM LEGEND

ROOM NO.	ROOM NAME
E101	VESTIBULE
E102	MAIN ENTR. COMMONS
E103	STORAGE
E104	BOYS TOILET
E105	VESTIBULE
E106	GIRLS TOILET
E107	JANITOR
E108	CAFETERIA
E109	STAFF DINNING
E110	A-LA-CARTE SERVING
E111	KITCHEN
E112	STORAGE
E113	WARE WASHING
E114	BREAK AREA
E115	PASSAGE
E116	OFFICE
E117	FREEZER/COOLER
E118	DRY GOODS STORAGE
E119	JANITOR
E120	TOILET
E121	LOCKER/LAUNDRY
E122	RECEIVING
E123	TOILET
E124	TOILET
E125	SERVING

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PROJECT
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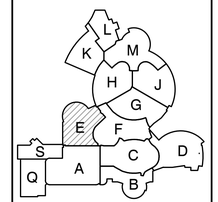
TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



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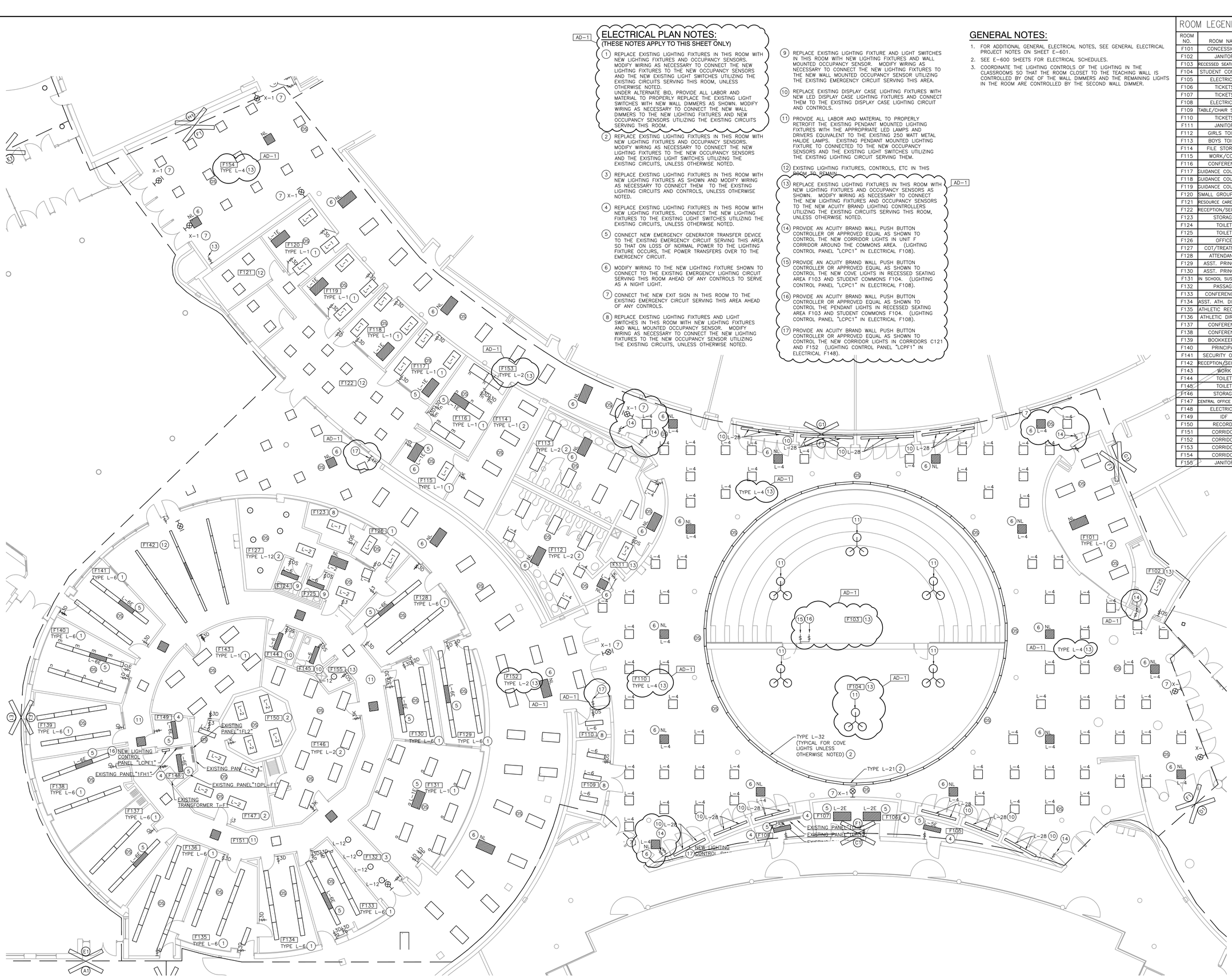
DRAWING
UNIT "E" ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
E-108

Thursday, 4/24/2025 - 5:16 PM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\E-108.DWG



UNIT "F" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
   UNDER ALTERNATE BID, PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING LIGHT SWITCHES WITH NEW WALL DIMMERS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW WALL DIMMERS TO THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM.
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND CONTROLS, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.
6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.
7. CONNECT THE NEW EXIT SIGN IN THIS ROOM TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA AHEAD OF ANY CONTROLS.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
9. REPLACE EXISTING LIGHTING FIXTURE AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW WALL MOUNTED OCCUPANCY SENSOR UTILIZING THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA.
10. REPLACE EXISTING DISPLAY CASE LIGHTING FIXTURES WITH NEW LED DISPLAY CASE LIGHTING FIXTURES AND CONNECT THEM TO THE EXISTING DISPLAY CASE LIGHTING CIRCUIT AND CONTROLS.
11. PROVIDE ALL LABOR AND MATERIAL TO PROPERLY RETROFIT THE EXISTING PENDANT MOUNTED LIGHTING FIXTURES WITH THE APPROPRIATE LED LAMPS AND DRIVERS EQUIVALENT TO THE EXISTING 250 WATT METAL HALIDE LAMPS. EXISTING PENDANT MOUNTED LIGHTING FIXTURE TO CONNECTED TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THEM.
12. EXISTING LIGHTING FIXTURES, CONTROLS, ETC IN THIS ROOM TO REMAIN.
13. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS TO THE NEW ACUITY BRAND LIGHTING CONTROLLERS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
14. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN UNIT F CORRIDOR AROUND THE COMMONS AREA. (LIGHTING CONTROL PANEL "LCPC1" IN ELECTRICAL F108).
15. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW COVE LIGHTS IN RECESSED SEATING AREA F103 AND STUDENT COMMONS F104. (LIGHTING CONTROL PANEL "LCPC1" IN ELECTRICAL F108).
16. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE PENDANT LIGHTS IN RECESSED SEATING AREA F103 AND STUDENT COMMONS F104. (LIGHTING CONTROL PANEL "LCPC1" IN ELECTRICAL F108).
17. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDORS C121 AND F152 (LIGHTING CONTROL PANEL "LCPF1" IN ELECTRICAL F148).

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SHEETS FOR ELECTRICAL SCHEDULES.
3. COORDINATE THE LIGHTING CONTROLS OF THE LIGHTING IN THE CLASSROOMS SO THAT THE ROOM CLOSET TO THE TEACHING WALL IS CONTROLLED BY ONE OF THE WALL DIMMERS AND THE REMAINING LIGHTS IN THE ROOM ARE CONTROLLED BY THE SECOND WALL DIMMER.

ROOM LEGEND

ROOM NO.	ROOM NAME
F101	CONCESSIONS
F102	JANITOR
F103	RECESSED SEATING AREA
F104	STUDENT COMMONS
F105	ELECTRICAL
F106	TICKETS
F107	TICKETS
F108	ELECTRICAL
F109	TABLE/CHAIR STORAGE
F110	TICKETS
F111	JANITOR
F112	GIRLS TOILET
F113	BOYS TOILET
F114	FILE STORAGE
F115	WORK/COPY
F116	CONFERENCE
F117	GUIDANCE COUNSELOR
F118	GUIDANCE COUNSELOR
F119	GUIDANCE COUNSELOR
F120	SMALL GROUP ROOM
F121	RESOURCE CAREER AREA
F122	RECEPTION/SECRETARY
F123	STORAGE
F124	TOILET
F125	TOILET
F126	OFFICE
F127	COT/TREATMENT
F128	ATTENDANCE
F129	ASST. PRINCIPAL
F130	ASST. PRINCIPAL
F131	IN SCHOOL SUSPENSION
F132	PASSAGE
F133	CONFERENCE 2
F134	ASST. ATH. DIRECTOR
F135	ATHLETIC RECEPTION
F136	ATHLETIC DIRECTOR
F137	CONFERENCE
F138	CONFERENCE
F139	BOOKKEEPER
F140	PRINCIPAL
F141	SECURITY OFFICE
F142	RECEPTION/SECRETARY
F143	WORK
F144	TOILET
F145	TOILET
F146	STORAGE
F147	CENTRAL OFFICE STORAGE
F148	ELECTRICAL
F149	IDF
F150	RECORDS
F151	CORRIDOR
F152	CORRIDOR
F153	CORRIDOR
F154	CORRIDOR
F155	JANITOR

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TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA

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PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
E-109

Friday, 4/25/2025 - 5:28 PM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\E-109.DWG

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

AD-1

1. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
   UNDER ALTERNATE BID, PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING LIGHT SWITCHES WITH NEW WALL DIMMERS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW WALL DIMMERS TO THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM.
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND CONTROLS, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.
6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.
7. CONNECT THE NEW EXIT SIGN IN THIS ROOM TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA AHEAD OF ANY CONTROLS.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
9. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND LIGHT SWITCHES. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
10. REPLACE EXISTING DISPLAY CASE LIGHTING FIXTURES WITH NEW LED LIGHTING FIXTURES AND CONNECT THEM TO THE EXISTING DISPLAY CASE LIGHTING CIRCUIT AND CONTROLS.
11. PROVIDE ALL LABOR AND MATERIAL TO PROPERLY RETROFIT THE EXISTING WALL MOUNTED LIGHTING FIXTURES WITH THE APPROPRIATE LED LAMPS AND DRIVERS EQUIVALENT TO THE EXISTING METAL HALIDE LAMPS. EXISTING WALL MOUNTED MOUNTED LIGHTING FIXTURES TO CONNECTED TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THEM.

AD-1

12. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE NEW OCCUPANCY SENSORS, NEW ACUITY BRAND LIGHTING CONTROL PANEL AND ACUITY BRAND PUSH BUTTON CONTROLLERS UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
13. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDOR G129, CORRIDOR G130, CORRIDOR G133 AND CORRIDOR J-132. (LIGHTING CONTROL PANEL "LCPJ1" IN ELECTRICAL J122).
14. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDOR G131 (LIGHTING CONTROL PANEL "LCPG1" IN ELECTRICAL G122).

AD-1

15. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDOR G132. (LIGHTING CONTROL PANEL "LCPG1" IN ELECTRICAL G122).
16. PROVIDE A NEW ACUITY BRAND OR APPROVED EQUAL LIGHTING CONTROL PANEL "LCPG1" TO SERVE THE NEW CORRIDOR LIGHTS, OCCUPANCY SENSORS AND ACUITY BRAND LIGHTING CONTROLLERS. NEW LIGHTING CONTROL PANEL SHALL BE CAPABLE OF SERVING THE CORRIDOR LIGHTING CIRCUITS AS WELL AS SERVING TWO ADDITIONAL FUTURE LIGHTING CIRCUITS.

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SHEETS FOR ELECTRICAL SCHEDULES.
3. COORDINATE THE LIGHTING CONTROLS OF THE LIGHTING IN THE CLASSROOMS SO THAT THE ROOM CLOSET TO THE TEACHING WALL IS CONTROLLED BY ONE OF THE WALL DIMMERS AND THE REMAINING LIGHTS IN THE ROOM ARE CONTROLLED BY THE SECOND WALL DIMMER.

ROOM LEGEND

ROOM NO.	ROOM NAME
G101	CHEMISTRY LAB/CLSRM
G102	CHEMISTRY PREP
G103	CHEMISTRY LAB/CLSRM
G104	SOCIAL STUDIES CLSRM
G105	SOCIAL STUDIES CLSRM
G106	SOCIAL STUDIES CLSRM
G107	SOCIAL STUDIES CLSRM
G108	SOCIAL STUDIES CLSRM
G109	SOCIAL STUDIES CLSRM
G110	SOCIAL STUDIES CLSRM
G111	SOCIAL STUDIES CLSRM
G112	COMPUTER LAB AREA
G113	ROTC CLASSROOM
G114	ROTC STORAGE
G115	DRESSING
G116	ROTC OFFICE
G117	SEMINAR ROOM
G118	SOCIAL STUDIES DEPT OFF
G119	RESOURCE AREA
G120	STAIR
G121	IDF
G122	ELECTRICAL
G123	JOURNALISM OFFICE
G124	JOURNALISM
G125	JOURNALISM
G126	SEMINAR ROOM
G127	ENGLISH CLASSROOM
G128	ENGLISH CLASSROOM
G129	CORRIDOR
G130	CORRIDOR
G131	CORRIDOR
G132	CORRIDOR
G133	CORRIDOR
G134	CHEMISTRY STORAGE

UNIT "G" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

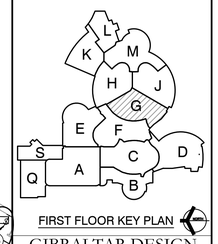
NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REGISTERED PROFESSIONAL ENGINEER
DAVID G. JANNEY
NO. 10302590
STATE OF INDIANA

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "G" ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
E-110

Thursday, 4/24/2025 - 7:15 PM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\E-110.DWG

UNIT "H" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

NORTH

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SHEETS FOR ELECTRICAL SCHEDULES.
3. COORDINATE THE LIGHTING CONTROLS OF THE LIGHTING IN THE CLASSROOMS SO THAT THE ROOM CLOSET TO THE TEACHING WALL IS CONTROLLED BY ONE OF THE WALL DIMMERS AND THE REMAINING LIGHTS IN THE ROOM ARE CONTROLLED BY THE SECOND WALL DIMMER.

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

AD-1

1. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
   UNDER ALTERNATE BID, PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING LIGHT SWITCHES WITH NEW WALL DIMMERS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW WALL DIMMERS TO THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM.
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND CONTROLS, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.
6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.
7. CONNECT THE NEW EXIT SIGN IN THIS ROOM TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA AHEAD OF ANY CONTROLS.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
9. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSOR AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS UTILIZING THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA.
10. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND LIGHT SWITCHES. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.

AD-1

11. EXISTING LIGHTING FIXTURES, CONTROLS, ETC IN THIS ROOM TO REMAIN.
12. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE NEW OCCUPANCY SENSORS, NEW ACUITY BRAND LIGHTING CONTROL PANEL AND ACUITY BRAND PUSH BUTTON CONTROLLERS UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
13. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDORS H143 AND H144. (LIGHTING CONTROL PANEL "LCPH1" IN ELECTRICAL H140).
14. PROVIDE A NEW ACUITY BRAND OR APPROVED EQUAL LIGHTING CONTROL PANEL "LCPH1" TO SERVE THE NEW CORRIDOR LIGHTS, OCCUPANCY SENSORS AND ACUITY BRAND LIGHTING CONTROLLER. NEW LIGHTING CONTROL SHALL BE CAPABLE OF SERVING ALL OF THE LIGHTING CIRCUITS AS WELL AS SERVING SOME FUTURE CIRCUITS.
15. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDORS F153 AND F154. (LIGHTING CONTROL PANEL "LCPF1" IN ELECTRICAL F148).

ROOM LEGEND

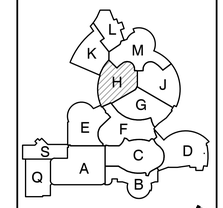
ROOM NO.	ROOM NAME
H101	LIFE SKILLS CLASSRM
H102	CHANGE
H103	TOILET
H104	TOILET
H105	PASSAGE
H106	SPEC. NEEDS OFFICE
H107	MDMH
H108	LD CLASSROOM
H109	LD CLASSROOM
H110	LD CLASSROOM
H111	LAB STORAGE
H112	JANITOR
H113	TOILET
H114	TOILET
H115	CERAMICS
H116	KILN
H117	ART OFFICE
H118	FOREIGN LANG. CLASSRM
H119	FOREIGN LANG. CLASSRM
H120	FOREIGN LANG. CLASSRM
H121	FOREIGN LANG. CLASSRM
H122	LISTENING LAB
H123	SPEC. NEEDS STORAGE
H124	SPEC. NEEDS DEPT. OFFICE
H125	PYSCH/CONFERENCE
H126	SPEC. ED WORK/STUDY
H127	WRITING LAB
H128	T.O.
H129	EH CLASSROOM
H130	ENGLISH BOOK STORAGE
H131	ENGLISH CLASSROOM
H132	ENGLISH CLASSROOM
H133	ENGLISH BOOK STORAGE
H134	FOREIGN LANG. STORAGE
H135	ENGLISH CLASSROOM
H136	FOREIGN LANG. STORAGE
H137	LGI/SPEECH/DEBATE
H138	FOREIGN LANG. OFFICE/WORK AREA
H139	STAIR
H140	ELECTRICAL
H141	STUDENT WORK AREA
H142	ENGLISH DEPT. OFFICE/WORK AREA
H143	CORRIDOR
H144	CORRIDOR

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "H" ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
E-111

Thursday, 4/24/2025 - 8:17 PM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\E-111.DWG

UNIT "J" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SHEETS FOR ELECTRICAL SCHEDULES.
3. COORDINATE THE LIGHTING CONTROLS OF THE LIGHTING IN THE CLASSROOMS SO THAT THE ROOM CLOSET TO THE TEACHING WALL IS CONTROLLED BY ONE OF THE WALL DIMMERS AND THE REMAINING LIGHTS IN THE ROOM ARE CONTROLLED BY THE SECOND WALL DIMMER.

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

AD-1

(1) REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
UNDER ALTERNATE BID, PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING LIGHT SWITCHES WITH NEW WALL DIMMERS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW WALL DIMMERS TO THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM.

(2) REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.

(3) REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND CONTROLS, UNLESS OTHERWISE NOTED.

(4) REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.

(5) CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.

(6) MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.

(7) CONNECT THE NEW EXIT SIGN IN THIS ROOM TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA AHEAD OF ANY CONTROLS.

(8) REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.

(9) REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSOR AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS UTILIZING THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA.

(10) REPLACE EXISTING DISPLAY CASE LIGHTING FIXTURE(S) WITH NEW DISPLAY CASE LIGHTING FIXTURE(S) AND CONNECT THEM TO THE EXISTING CIRCUIT AND CONTROLS.

(11) PROVIDE ALL LABOR AND MATERIAL TO PROPERLY RETROFIT THE EXISTING DECORATIVE WALL MOUNTED LIGHTING FIXTURE WITH NEW LED LAMPS/DRIVERS EQUIVALENT TO THE EXISTING LAMPS BEING REPLACED.

AD-1

(12) REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE NEW OCCUPANCY SENSORS, NEW ACUITY BRAND LIGHTING CONTROL PANEL AND ACUITY BRAND PUSH BUTTON CONTROLLERS UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.

(13) PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDORS J132, L118, L119 AND K125. (LIGHTING CONTROL PANEL "LCPJ1" IN ELECTRICAL J122).

(14) PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDORS J133. (LIGHTING CONTROL PANEL "LCPJ1" IN ELECTRICAL J122).

(15) PROVIDE A NEW ACUITY BRAND OR APPROVED EQUAL LIGHTING CONTROL PANEL "LCPJ1" TO SERVE THE NEW CORRIDOR LIGHTS, OCCUPANCY SENSORS AND ACUITY BRAND LIGHTING CONTROLLERS. NEW LIGHTING CONTROL PANEL SHALL BE CAPABLE OF SERVING THE CORRIDOR LIGHTING CIRCUITS AS WELL AS SERVING TWO ADDITIONAL FUTURE LIGHTING CIRCUITS.

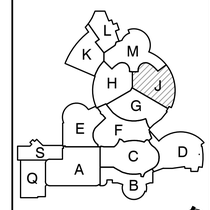
ROOM LEGEND

ROOM NO.	ROOM NAME
J101	SCIENCE DEPT. OFF/WORK
J102	EARTH SCIENCE LAB/CLASSRM
J103	EARTH SCIENCE PREP
J104	PHYSICS PREP
J105	PHYSICS LAB/CLASSRM
J106	BIOLOGY LAB/CLASSRM
J107	BIOLOGY PREP
J108	BIOLOGY LAB/CLASSRM
J109	MATH CLASSROOM
J110	MATH CLASSROOM
J111	MATH CLASSROOM
J112	MATH CLASSROOM
J113	MATH CLASSROOM
J114	MATH CLASSROOM
J115	MATH CLASSROOM
J116	TOILET
J117	TOILET
J118	JANITOR
J119	COPY CENTER
J120	MATH CLASSROOM
J121	ENGLISH CLASSROOM
J122	ELECTRICAL
J123	GEN. BUSINESS COMPUTER LAB
J124	IDF
J125	BUSINESS LAB
J126	BUSINESS LAB
J127	GEN. BUSINESS COMPUTER LAB
J128	BUSINESS OFF/WORK
J129	----
J130	STAIR
J131	MATH DEPT. OFF/WORK
J132	CORRIDOR
J133	CORRIDOR
J134	CONFERENCE

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

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AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "J" ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
E-112

Thursday, 4/24/2025 - 8:48 PM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\E-112.DWG

UNIT "K" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SHEETS FOR ELECTRICAL SCHEDULES.
3. COORDINATE THE LIGHTING CONTROLS OF THE LIGHTING IN THE CLASSROOMS SO THAT THE ROOM CLOSET TO THE TEACHING WALL IS CONTROLLED BY ONE OF THE WALL DIMMERS AND THE REMAINING LIGHTS IN THE ROOM ARE CONTROLLED BY THE SECOND WALL DIMMER.

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.

   UNDER ALTERNATE BID, PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING LIGHT SWITCHES WITH NEW WALL DIMMERS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW WALL DIMMERS TO THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM.
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND CONTROLS, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.
6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.
7. CONNECT THE NEW EXIT SIGN IN THIS ROOM TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA AHEAD OF ANY CONTROLS.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
9. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSOR AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS UTILIZING THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA.
10. REPLACE EXISTING EXTERIOR LIGHTING FIXTURES WITH NEW EXTERIOR LIGHTING FIXTURES AND CONNECT THEM TO THE EXISTING EXTERIOR LIGHTING CIRCUIT AND CONTROLS.
11. EXISTING STUDIO LIGHITING AND CONTROLS IN THIS ROOM SHALL REMAIN.
12. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE NEW OCCUPANCY SENSORS, NEW ACUITY BRAND LIGHTING CONTROL PANEL AND ACUITY BRAND PUSH BUTTON CONTROLLERS UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
13. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDORS L118, L119 AND K125. (LIGHTING CONTROL PANEL "LCPL1" IN ELECTRICAL L107).
14. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDORS K123 AND K124. (LIGHTING CONTROL PANEL "LCPH1" IN ELECTRICAL H140).

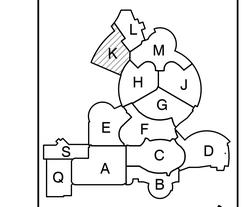
ROOM LEGEND

ROOM NO.	ROOM NAME
K101	LAW FORCEMENT
K102	IDF
K103	CONTROL
K104	STUDIO
K105	STORAGE
K106	COMPUTER GRAPHICS
K107	COMPUTER REPAIR
K108	STORAGE
K109	CISCO LAB
K110	STORAGE
K111	PRE-ENGINEERING LAB
K112	PRE-ENGR WORKSHOP
K113	STORAGE
K114	INFO TECH LAB
K115	HEALTH OCCUP. CLASSRM
K116	HEALTH OCCUPATIONS LAB
K117	LOCKERS
K118	TOILET
K119	TOILET
K120	LOCKERS
K121	STORAGE
K122	DEPARTMENT OFFICE
K123	CORRIDOR
K124	CORRIDOR
K125	CORRIDOR

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

DAVID G. JANNEY
REGISTERED
NO. 10302590
STATE OF INDIANA
PROFESSIONAL ENGINEER

REVISIONS

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AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "K" ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
E-113

UNIT "L" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

NORTH

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SHEETS FOR ELECTRICAL SCHEDULES.
3. COORDINATE THE LIGHTING CONTROLS OF THE LIGHTING IN THE CLASSROOMS SO THAT THE ROOM CLOSET TO THE TEACHING WALL IS CONTROLLED BY ONE OF THE WALL DIMMERS AND THE REMAINING LIGHTS IN THE ROOM ARE CONTROLLED BY THE SECOND WALL DIMMER.

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

AD-1

1. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.

   UNDER ALTERNATE BID, PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING LIGHT SWITCHES WITH NEW WALL DIMMERS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW WALL DIMMERS TO THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM.
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND CONTROLS, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.
6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.
7. CONNECT THE NEW EXIT SIGN IN THIS ROOM TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA AHEAD OF ANY CONTROLS.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
9. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSOR AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS UTILIZING THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA.
10. REPLACE EXISTING EXTERIOR LIGHTING FIXTURES WITH NEW EXTERIOR LIGHTING FIXTURES AND CONNECT THEM TO THE EXISTING EXTERIOR LIGHTING CIRCUIT AND CONTROLS.
11. EXISTING LIGHTING FIXTURES, CONTROLS, ETC IN THIS ROOM TO REMAIN.

AD-1

12. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE NEW OCCUPANCY SENSORS, NEW ACUITY BRAND LIGHTING CONTROL PANEL AND ACUITY BRAND PUSH BUTTON CONTROLLERS UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
13. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDOR L118, L119 AND K125. (LIGHTING CONTROL PANEL "LCPL1" IN ELECTRICAL L107).
14. PROVIDE A NEW ACUITY BRAND OR APPROVED EQUAL LIGHTING CONTROL PANEL "LCPL1" TO SERVE THE NEW CORRIDOR LIGHTS, OCCUPANCY SENSORS AND ACUITY BRAND LIGHTING CONTROLLERS. NEW LIGHTING CONTROL PANEL SHALL BE CAPABLE OF SERVING THE CORRIDOR LIGHTING CIRCUITS AS WELL AS SERVING TWO ADDITIONAL FUTURE LIGHTING CIRCUITS.

ROOM LEGEND

ROOM NO.	ROOM NAME
L101	AUTOMOTIVE LAB
L102	AUTOMOTIVE CLASSRM
L103	AUTO OFFICE
L104	AG. STORAGE
L105	AG. OFFICE
L106	IDF
L107	ELECTRICAL
L108	AGRICULTURE LAB
L109	LOCKERS
L110	LOCKERS
L111	STORAGE
L112	GREENHOUSE
L113	TOILET
L114	TOILET
L115	FFA WORK/CONFERENCE
L116	AGRICULTURAL CLASSRM
L117	INFO TECH LAB
L118	CORRIDOR
L119	CORRIDOR
L120	JANITOR
L121	MEZZANINE ACCESS
L122	TOILET
L123	TOILET

GIBRALTAR DESIGN
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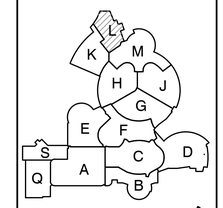
PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "L" ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
E-114

Thursday, 4/24/2025 - 9:17 PM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\E-114.DWG

UNIT "M" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

NORTH

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

AD-1

1. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.

   UNDER ALTERNATE BID, PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING LIGHT SWITCHES WITH NEW WALL DIMMERS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW WALL DIMMERS TO THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM.
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND CONTROLS, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.
6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.
7. CONNECT THE NEW EXIT SIGN IN THIS ROOM TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA AHEAD OF ANY CONTROLS.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
9. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSOR AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS UTILIZING THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA.
10. REPLACE EXISTING EXTERIOR LIGHTING FIXTURES WITH NEW EXTERIOR LIGHTING FIXTURES AND CONNECT THEM TO THE EXISTING EXTERIOR LIGHTING CIRCUIT AND CONTROLS.
11. EXISTING LIGHTING FIXTURES, CONTROLS, ETC IN THIS ROOM TO REMAIN.

AD-1

12. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE NEW OCCUPANCY SENSORS, NEW ACUITY BRAND LIGHTING CONTROL PANEL AND ACUITY BRAND PUSH BUTTON CONTROLLERS UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
13. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDOR M127E. (LIGHTING CONTROL PANEL "LCPH1" IN ELECTRICAL H140).
14. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDORS M124E, M125E, M126E AND M132. (LIGHTING CONTROL PANEL "LCPJ1" IN ELECTRICAL J122).
15. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDORS M124E, M125E, M126E AND M132. (LIGHTING CONTROL PANEL "LCPJ1" IN ELECTRICAL J122).

ROOM LEGEND

ROOM NO.	ROOM NAME
M101	MEDIA CENTER
M101E	2D/3D
M102	SCI
M102E	LAB STORAGE
M103	SCI
M103E	LAB STORAGE
M104	SCI
M104E	COMMERCIAL DESIGN
M105	SCI
M106	ELECTRICAL/TECH
M107	WORK
M108	STORAGE
M109	OFFICE
M110	BOARD/CREATION STATION
M110B	STORAGE
M111	RECEPTION/WAITING
M112	CORRIDOR
M113	EXECUTIVE SECRETARY
M114	EXECUTIVE WORK
M115	RESTROOM
M116	RESTROOM
M117	WORK ROOM
M117E	WORK BOYS TOILET
M118	HUMAN RESOURCES
M118E	GIRLS TOILET
M119	TECH
M120	DEPUTY TREASURER
M120E	MULTIPURPOSE LAB
M121	VAULT
M121E	PHYSICAL SCIENCE
M122	BUSINESS SERVICES
M122E	MULTIPURPOSE LAB
M123	ACCT. PAYABLE
M123E	CORRIDOR
M124	FINANCIAL ASSISTANT
M125	FLEX OFFICE
M125E	CORRIDOR
M126	ASSIST. SUPERINTENDENT
M126E	CORRIDOR
M127	FLEX OFFICE
M127E	CORRIDOR
M128	SUPERINTENDENT
M129	CORRIDOR
M130	VESTIBULE
M131	CORRIDOR
M132	CORRIDOR
M133	CORRIDOR

GIBRALTAR DESIGN
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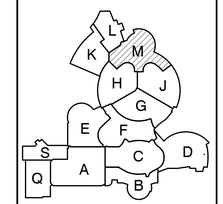
PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



FIRST FLOOR KEY PLAN

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9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER DAVID G. JANNEY

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING

UNIT "M" ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET

E-115

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SHEETS FOR ELECTRICAL SCHEDULES.

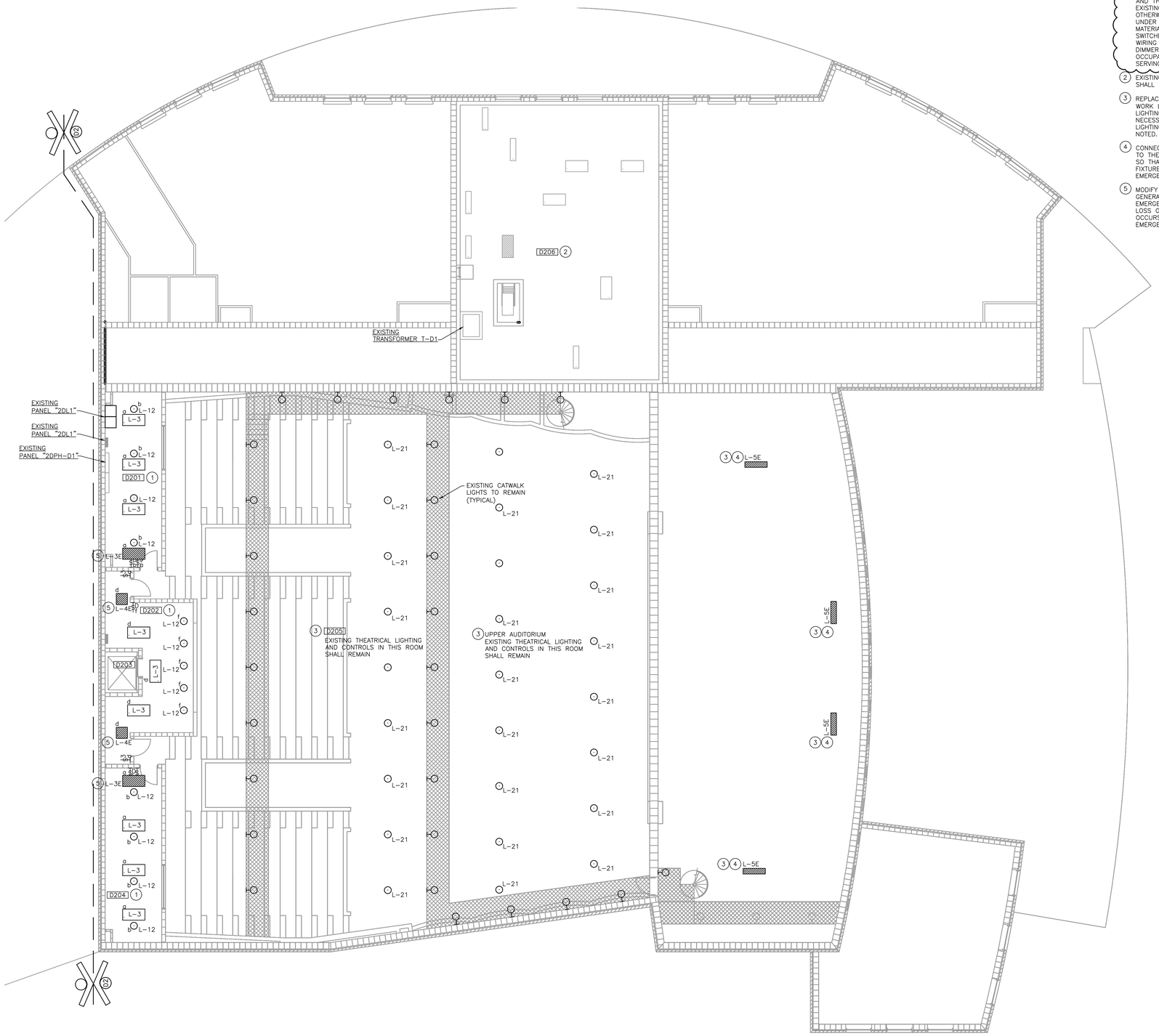
ROOM LEGEND	
ROOM NO.	ROOM NAME
D201	SPORTS BOOTH
D202	LIGHT/SOUND
D203	ELEVATOR
D204	SPORTS BOOTH
D205	TIERED SEATING
D206	MECHANICAL MEZZANINE

AD-1

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
   UNDER ALTERNATE BID, PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING LIGHT SWITCHES WITH NEW WALL DIMMERS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW WALL DIMMERS TO THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM.
2. EXISTING LIGHTING FIXTURES AND SWITCHES IN THIS ROOM SHALL REMAIN, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING PENDANT MOUNTED HOUSE/STAGE WORK LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND CONTROLS, UNLESS OTHERWISE NOTED.
4. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.
5. MODIFY EXISTING WIRING AND CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.



UNIT "D" ELECTRICAL SECOND FLOOR LIGHTING PLAN

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

NORTH

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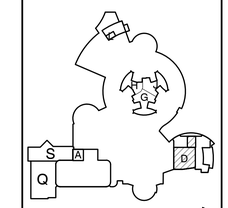
PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



UPPER LEVEL KEY PLAN

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DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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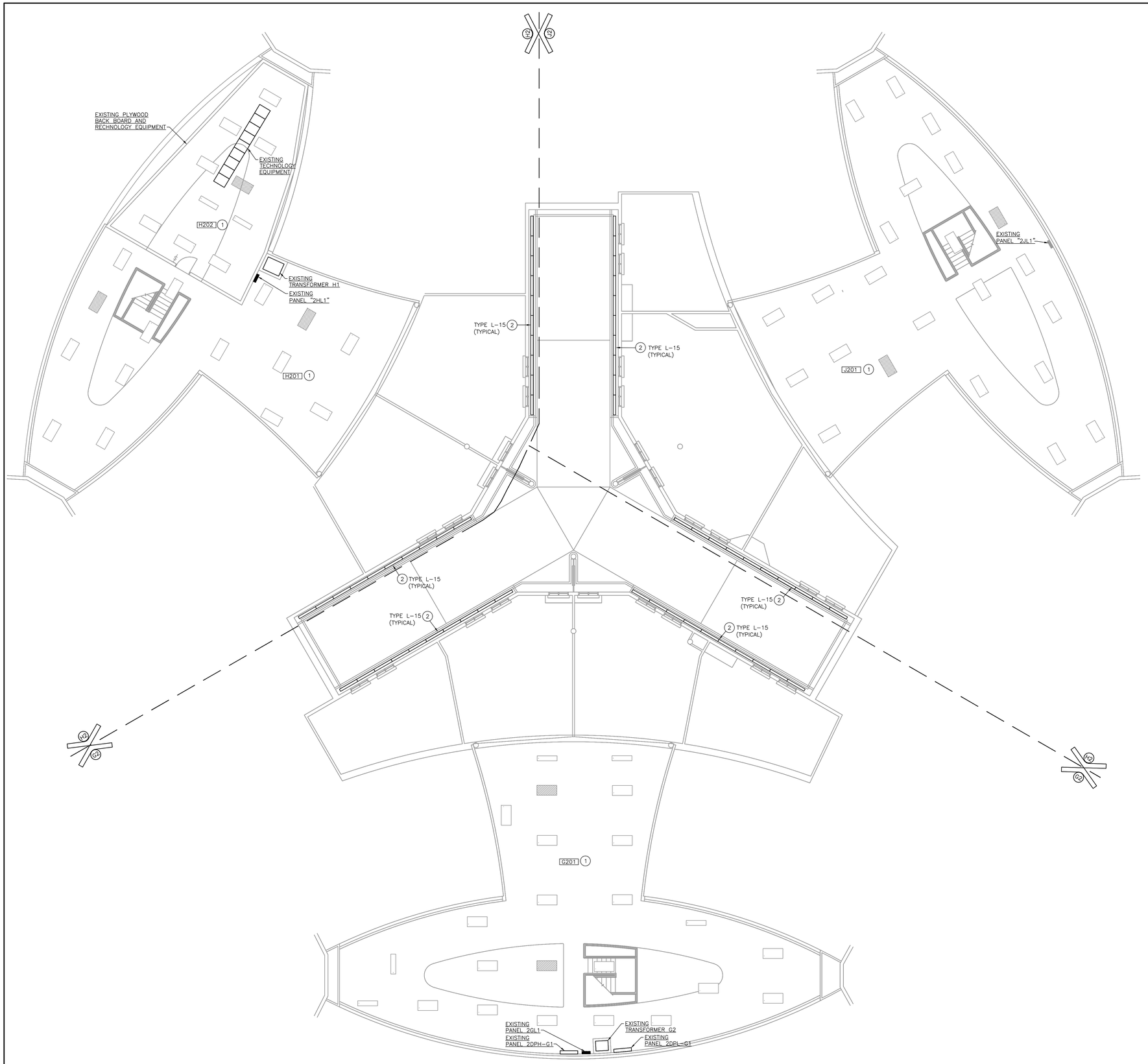
DRAWING
UNIT "D" ELECTRICAL SECOND FLOOR LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

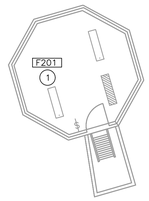
SHEET
E-117



UNITS "G", "H" AND "J" ELECTRICAL SECOND FLOOR LIGHTING PLAN

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

NORTH



UNIT "F" ELECTRICAL SECOND FLOOR LIGHTING PLAN

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

NORTH

ROOM LEGEND	
ROOM NO.	ROOM NAME
F201	MECHANICAL MEZZANINE
G201	MECHANICAL ROOM
H201	MECHANICAL ROOM
H202	MDF ROOM
J201	MECHANICAL ROOM

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL LIGHTING ON SHEET E-601.
2. SEE E-600 SHEETS FOR ELECTRICAL SCHEDULES.

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. EXISTING LIGHTING FIXTURES, SWITCHES, ETC IN THIS ROOM SHALL REMAIN.
2. REPLACE EXISTING UPPER COVER LIGHTING FIXTURES IN THIS ROOM WITH NEW UPPER COVE LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE NEW NLIGHT CONTROLLERS SHOWN ON THE FIRST FLOOR UTILIZNG THE EXISTING LIGHTING CIRCUITS.

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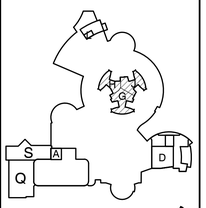
PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



UPPER LEVEL KEY PLAN

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PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

DAVID G. JANNETT REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01
		(ENTIRE SHEET)

DRAWING
UNITS "F", "G", "H" AND "J" ELECTRICAL SECOND FLOOR LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
E-118

Friday, 4/25/2025 - 3:27 PM - LAST SAVED BY:JCHAMBERS
Y:\23-113 TRI-CREEK SC - LOWELL HS IMPROVEMENTS 2025\23-113 DRAWINGS\09 ELEC\E-118.DWG

UNIT "A" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

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

ALTERNATE

ROOM LEGEND

ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
A-101	---	A-126	CORRIDOR
A-102	LOCKER ROOM	A-127	CORRIDOR
A-103	SHOWER	A-128	GYMNASIUM
A-104	SHOWER	A-129	CARDIO
A-105	RESTROOM	A-130	STORAGE
A-106	RESTROOM	A-131	---
A-107	RESTROOM	A-132	---
A-108	LOCKERS	A-133	GYMNASIUM
A-109	OFFICE	A-133	AUX. GYM
A-110	LOCKER ROOM	A-134	VESTIBULE
A-111	STORAGE	A-135	CORRIDOR
A-112	OFFICE	A-136	GENERAL MUSIC
A-113	OFFICE	A-137	CHORAL
A-114	LOCKER ROOM	A-138	OFFICE
A-115	SHOWER	A-139	MUSIC LIBRARY
A-116	SHOWER	A-140	STORAGE
A-117	RESTROOM	A-141	---
A-118	RESTROOM	A-142	BAND
A-119	RESTROOM	A-143	TR
A-120	LOCKERS	A-144	OFFICE
A-121	OFFICE	A-145	PRACTICE
A-122	LOCKER ROOM	A-146	PRACTICE
A-123	WRESTLING ROOM	A-147	PRACTICE
A-124	SOUND	A-148	BAND MULTI-USE
A-125	VESTIBULE	A-149	CORRIDOR

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601A
2. REMOVE EXISTING EXIT SIGNS IN AREAS WHERE NEW LIGHTING FIXTURES ARE BEING PROVIDED AND PREPARE WIRING FOR CONNECTION TO THE EXISTING EMERGENCY LIGHTING CIRCUIT AHEAD OF ANY CONTROLS.
3. REMOVE EXISTING OCCUPANCY SENSORS IN AREAS WHERE NEW LIGHTING FIXTURES ARE BEING PROVIDED AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING CONTROLS.
4. CONTRACTOR SHALL COORDINATE ALL NEW WORK SHOWN ON THIS SHEET WITH CURRENT LIGHTING CONTROLS WORK BE PERFORMED IN SELECTED AREAS BY THE OWNER AND HYRE ELECTRIC.

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REMOVE EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
2. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
3. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS TO THE EXISTING LIGHTING CONTROLS UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE EXISTING LIGHTING PLAN.
4. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
5. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING ACUITY BRAND LIGHTING CONTROLS UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
6. REMOVE EXISTING EXIT SIGN IN THIS ROOM AND PREPARE WIRING FOR CONNECTION TO THE EXISTING EMERENCY LIGHTING/EXIT LIGHT CIRCUIT.
7. REMOVE EXISTING EXTERIOR LIGHTING FIXTURE AND PREPARE WIRING FOR CONNECTION TO THE EXISTING EXTERIOR LIGHTING CIRCUIT AND CONTROLS, UNLESS OTHERWISE NOTED.
8. EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS IN THIS ROOM SHALL REMAIN, UNLESS OTHERWISE NOTED.

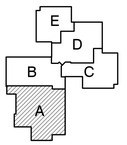
GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

- MIDDLE SCHOOL ALTERNATE

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "A" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET A1 ED101A

Friday, 4/25/2025 - 4:53 PM - LAST SAVED BY:JCHAMBERS
Y:\23-108 TRI-CREEK SC - LOWELL MS 5-8 IMPROVEMENTS\23-108 DRAWINGS\09 ELEC\ED101A.DWG

DEMOLITION PLAN NOTES:
(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REMOVE EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
2. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
3. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS TO THE EXISTING LIGHTING CONTROLS UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE EXISTING LIGHTING PLAN.
4. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
5. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING ACUITY BRAND LIGHTING CONTROLS UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.

DEMOLITION PLAN NOTES:
(THESE NOTES APPLY TO THIS SHEET ONLY)

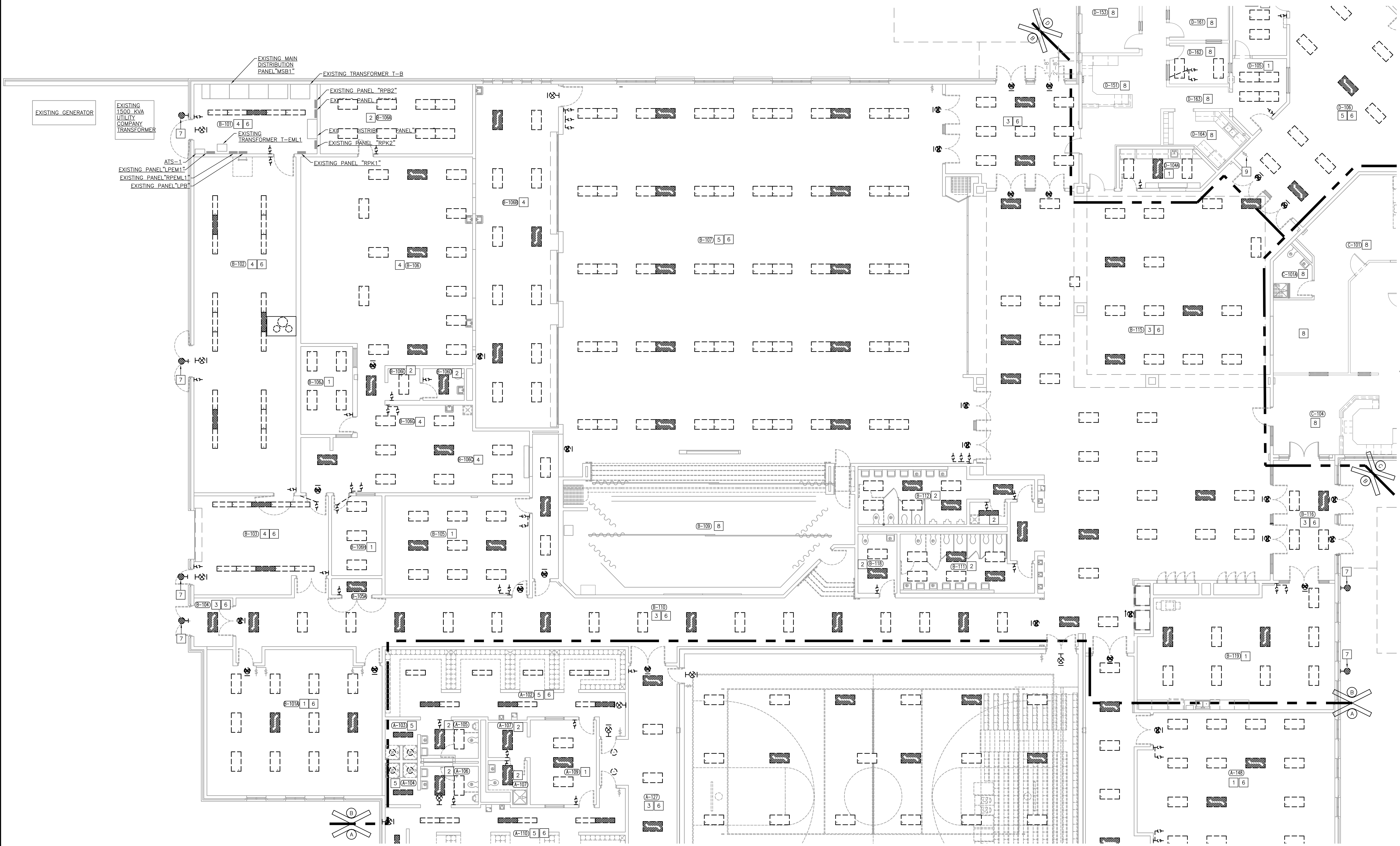
6. REMOVE EXISTING EXIT SIGN IN THIS ROOM AND PREPARE WIRING FOR CONNECTION TO THE EXISTING EMERENCY LIGHTING/EXIT LIGHT CIRCUIT.
7. REMOVE EXISTING EXTERIOR LIGHTING FIXTURE AND PREPARE WIRING FOR CONNECTION TO THE EXISTING EXTERIOR LIGHTING CIRCUIT AND CONTROLS, UNLESS OTHERWISE NOTED.
8. EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS IN THIS ROOM SHALL REMAIN, UNLESS OTHERWISE NOTED.

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601A
2. REMOVE EXISTING EXIT SIGNS IN AREAS WHERE NEW LIGHTING FIXTURES ARE BEING PROVIDED AND PREPARE WIRING FOR CONNECTION TO THE EXISTING EMERGENCY LIGHTING CIRCUIT AHEAD OF ANY CONTROLS.
3. REMOVE EXISTING OCCUPANCY SENSORS IN AREAS WHERE NEW LIGHTING FIXTURES ARE BEING PROVIDED AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING CONTROLS.
4. CONTRACTOR SHALL COORDINATE ALL NEW WORK SHOWN ON THIS SHEET WITH CURRENT LIGHTING CONTROLS WORK BE PERFORMED IN SELECTED AREAS BY THE OWNER AND HYRE ELECTRIC.

ROOM LEGEND

ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
B-101	ELECTRICAL	B-107	STUDENT DINING
B-101A	WEIGHTS	B-108	---
B-102	BOILER/CHILLER ROOM	B-109	PLATFORM
B-103	STORAGE	B-110	CORRIDOR
B-104	VESTIBULE	B-111	GIRLS
B-105	TEACHER DINING	B-112	BOYS
B-105A	TR	B-113	---
B-106	KITCHEN	B-114	VESTIBULE
B-106A	DRY STORAGE	B-115	COMMONS
B-106B	SERVING	B-116	VESTIBULE
B-106C	WAREWASH	B-117	---
B-106D	TOILET	B-118	TOILET
B-106E	LOCKERS	B-119	OPPORTUNITY CENTER
B-106G	DISHWASH		
B-106H	OFFICE		
B-106J	OFFICE		



UNIT "B" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

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

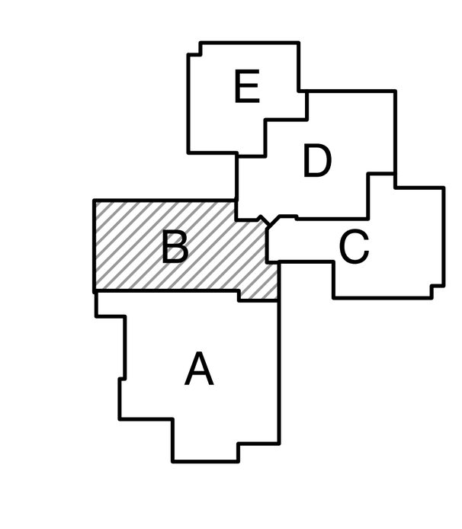
NORTH

ALTERNATE

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
- MIDDLE SCHOOL ALTERNATE

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



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DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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DRAWING
UNIT "B" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

B1

SHEET ED102A

Friday, 4/25/2025 - 4:53 PM - LAST SAVED BY:JCHAMBERS
Y:\23-108 TRI-CREEK SC - LOWELL MS B-B IMPROVEMENTS\23-108 DRAWINGS\09 ELEC\ED102A.DWG

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601A
2. REMOVE EXISTING EXIT SIGNS IN AREAS WHERE NEW LIGHTING FIXTURES ARE BEING PROVIDED AND PREPARE WIRING FOR CONNECTION TO THE EXISTING EMERGENCY LIGHTING CIRCUIT AHEAD OF ANY CONTROLS.
3. REMOVE EXISTING OCCUPANCY SENSORS IN AREAS WHERE NEW LIGHTING FIXTURES ARE BEING PROVIDED AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING CONTROLS.
4. CONTRACTOR SHALL COORDINATE ALL NEW WORK SHOWN ON THIS SHEET WITH CURRENT LIGHTING CONTROLS WORK BE PERFORMED IN SELECTED AREAS BY THE OWNER AND HYRE ELECTRIC.

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REMOVE EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
2. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
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4. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
5. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING ACUITY BRAND LIGHTING CONTROLS UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
6. REMOVE EXISTING EXIT SIGN IN THIS ROOM AND PREPARE WIRING FOR CONNECTION TO THE EXISTING EMERENCY LIGHTING/EXIT LIGHT CIRCUIT.
7. REMOVE EXISTING EXTERIOR LIGHTING FIXTURE AND PREPARE WIRING FOR CONNECTION TO THE EXISTING EXTERIOR LIGHTING CIRCUIT AND CONTROLS, UNLESS OTHERWISE NOTED.
8. EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS IN THIS ROOM SHALL REMAIN, UNLESS OTHERWISE NOTED.
9. EXISTING ACUITY NPODMA-GY nLIGHT WALL CONTROLLER TO REMAIN.

UNIT "C" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

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

NORTH

ALTERNATE

ROOM LEGEND

ROOM NO.	ROOM NAME
C-101	NURSE
C-101A	RESTROOM
C-101B	---
C-102	STORAGE
C-103	---
C-104	RECEPTION
C-105	CONFERENCE
C-106	PRINCIPAL
C-107	FLEX
C-107A	RESTROOM
C-107B	RESTROOM
C-108	---
C-109	---
C-110	---
C-111	---
C-112	WORKROOM
C-113	RECORDS
C-114	---
C-115	---
C-116	WAITING
C-117	GUIDANCE SECRETARY
C-118	GUIDANCE COUNSELOR
C-119	SOCIAL WORKER
C-120	CONFERENCE
C-121	FLEX
C-121	NISEC
C-122	CALM
C-123	---
C-124	SAFETY
C-125	EXTENDED LEARNING
C-125A	EXTENDED LEARNING
C-126	5TH GRADE CLRM
C-127	5TH GRADE CLRM
C-128	5TH GRADE CLRM
C-129	---
C-130	5TH GRADE CLRM
C-131	5TH GRADE CLRM
C-132	STAIRS
C-133	CORRIDOR
C-134	5TH GRADE CLRM
C-135	5TH GRADE CLRM
C-136	5TH GRADE CLRM
C-137	5TH GRADE CLRM
C-138	5TH GRADE CLRM
C-139	---
C-140	---
C-141	ELECTRICAL
C-142	SPEECH/HEARING
C-143	TECH OFFICE
C-144	TR
C-145	TEACHER PREP
C-146	STAFF TOILET
C-147	BOYS
C-148	GIRLS
C-149	CONFERENCE
C-150	CUSTODIAN
C-151	STAFF TOILET
C-152	GIFTED

GIBRALTAR DESIGN
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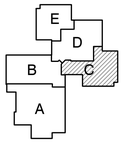
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
- MIDDLE SCHOOL ALTERNATE

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA

KEY PLAN



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PROJECT 23-113
DATE 04/11/25
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DRAWING
UNIT "C" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
C1 ED103A

Friday, 4/25/2025 - 4:53 PM - LAST SAVED BY:JCHAMBERS
Y:\23-108 TRI-CREEK SC - LOWELL MS 5-8 IMPROVEMENTS\23-108 DRAWINGS\09 ELEC\ED103A.DWG

UNIT "D" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

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

NORTH

ALTERNATE

ROOM LEGEND

ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
D-101	MACHINE ROOM	D-133	5TH GRADE FLEX CLRM
D-102	---	D-134	SGI
D-103	---	D-135	STORAGE
D-104	---	D-136	BOOK KEEPER
D-104A	CONCESSIONS	D-137	---
D-105	ATTENDANCE	D-138	---
D-106	COMMONS	D-139	---
D-107	---	D-140	---
D-108	STAIRS	D-141	---
D-109	MEDIA CENTER	D-142	---
D-110	---	D-143	---
D-111	STAIRS	D-144	---
D-112	CORRIDOR	D-145	---
D-113	CORRIDOR	D-146	---
D-114	CONFERENCE	D-147	---
D-115	OFFICE	D-148	---
D-116	OFFICE	D-149	---
D-117	OFFICE	D-150	---
D-118	AV STORAGE	D-151	RECEPTION
D-119	TEACHER PREP	D-152	HALL
D-120	STORAGE	D-153	CONFERENCE
D-121	CUSTODIAN	D-154	PRINCIPAL
D-122	STAFF TOILET	D-155	STUDENT SUPPORT
D-123	GIRLS	D-156	DE-ESCALATION ROOM
D-124	BOYS	D-157	FILES
D-125	CONFERENCE	D-158	ATHLETIC DIRECTOR
D-126	CORRIDOR	D-159	RESTROOM
D-127	EXTENDED LEARNING	D-160	RESTROOM
D-128	STORAGE	D-161	DEAN
D-129	7TH GRADE SCIENCE LAB	D-162	ISS
D-130	7TH GRADE FLEX CLRM	D-163	MAIL
D-131	7TH GRADE PE/HEALTH	D-164	WORKROOM
D-132	SE		

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601A
2. REMOVE EXISTING EXIT SIGNS IN AREAS WHERE NEW LIGHTING FIXTURES ARE BEING PROVIDED AND PREPARE WIRING FOR CONNECTION TO THE EXISTING EMERGENCY LIGHTING CIRCUIT AHEAD OF ANY CONTROLS.
3. REMOVE EXISTING OCCUPANCY SENSORS IN AREAS WHERE NEW LIGHTING FIXTURES ARE BEING PROVIDED AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING CONTROLS.
4. CONTRACTOR SHALL COORDINATE ALL NEW WORK SHOWN ON THIS SHEET WITH CURRENT LIGHTING CONTROLS WORK BE PERFORMED IN SELECTED AREAS BY THE OWNER AND HYRE ELECTRIC.

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

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GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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LOWELL HIGH SCHOOL IMPROVEMENTS 2025

- MIDDLE SCHOOL ALTERNATE

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA

KEY PLAN

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DRAWING
UNIT "D" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET D1 ED104A

Friday, 4/25/2025 - 4:53 PM - LAST SAVED BY:JCHAMBERS
Y:\23-108 TRI-CREEK SC - LOWELL MS 5-8 IMPROVEMENTS\23-108 DRAWINGS\09 ELEC\ED104A.DWG

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9. EXISTING ACUITY NPODMA-GY nLIGHT WALL CONTROLLER TO REMAIN.

ROOM LEGEND

ROOM NO.	ROOM NAME
E-101	----
E-102	7TH GRADE FLA CLRM
E-103	CORRIDOR
E-104	SE
E-105	7TH GRADE MATH CLRM
E-106	7TH GRADE ELA CLRM
E-107	7TH GRADE SS CLRM
E-108	7TH GRADE SCIENCE LAB
E-109	EXTENDED LEARNING
E-110	CUSTODIAN
E-111	ELECTRICAL
E-112	STAFF TOILET
E-113	GIRLS
E-114	BOYS
E-115	CONFERENCE
E-116	TEACHER PREP
E-117	MC/ER
E-118	CORRIDOR
E-119	COMPUTER LAB
E-120	COMPUTER LAB
E-121	COMPUTER APPLICATIONS
E-122	PLTW
E-123	STORAGE
E-124	CORRIDOR

UNIT "E" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

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

NORTH

ALTERNATE

GIBRALTAR DESIGN
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UNIT "E" ELECTRICAL FIRST FLOOR DEMOLITION LIGHTING PLAN

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SHEET E1 ED105A

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GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601A
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3. REMOVE EXISTING OCCUPANCY SENSORS IN AREAS WHERE NEW LIGHTING FIXTURES ARE BEING PROVIDED AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING CONTROLS.
4. CONTRACTOR SHALL COORDINATE ALL NEW WORK SHOWN ON THIS SHEET WITH CURRENT LIGHTING CONTROLS WORK BE PERFORMED IN SELECTED AREAS BY THE OWNER AND HYRE ELECTRIC.

ROOM LEGEND	
ROOM NO.	ROOM NAME
C-201	6TH GRADE FLEX CLRM
C-202	6TH GRADE SCIENCE
C-203	PREP
C-204	6TH GRADE SCIENCE
C-205	6TH GRADE MATH CLRM
C-206	COMPUTER SCIENCE
C-207	6TH GRADE ELA CLRM
C-208	6TH GRADE SS CLRM
C-209	6TH GRADE PE/HEALTH
C-210	6TH GRADE SS CLRM
C-211	6TH GRADE ELA CLRM
C-212	SE
C-213	6TH GRADE MATH CLRM
C-214	ART
C-215	STORAGE
C-216	EXTENDED LEARNING
C-217	EXTENDED LEARNING
C-218	CUSTODIAN
C-219	STAFF TOILET
C-220	BOYS
C-221	GIRLS
C-222	PREP
C-223	CONFERENCE
C-224	GIRLS
C-225	BOYS
C-226	STAFF TOILET
C-227	CONFERENCE
C-228	----
C-229	CORRIDOR

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REMOVE EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
2. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
3. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS TO THE EXISTING LIGHTING CONTROLS UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE EXISTING LIGHTING PLAN.
4. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
5. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING ACUITY BRAND LIGHTING CONTROLS UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
6. REMOVE EXISTING EXIT SIGN IN THIS ROOM AND PREPARE WIRING FOR CONNECTION TO THE EXISTING EMERENCY LIGHTING/EXIT LIGHT CIRCUIT.
7. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSOR AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS UTILIZING THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA.
9. EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS IN THIS ROOM SHALL REMAIN, UNLESS OTHERWISE NOTED.
10. EXISTING ACUITY NPODMA-GY nLIGHT WALL CONTROLLER TO REMAIN.

UNIT "C" ELECTRICAL SECOND FLOOR DEMOLITION LIGHTING PLAN

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

NORTH

ALTERNATE

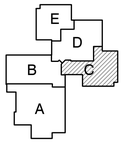
GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

- MIDDLE SCHOOL ALTERNATE

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



KEY PLAN

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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

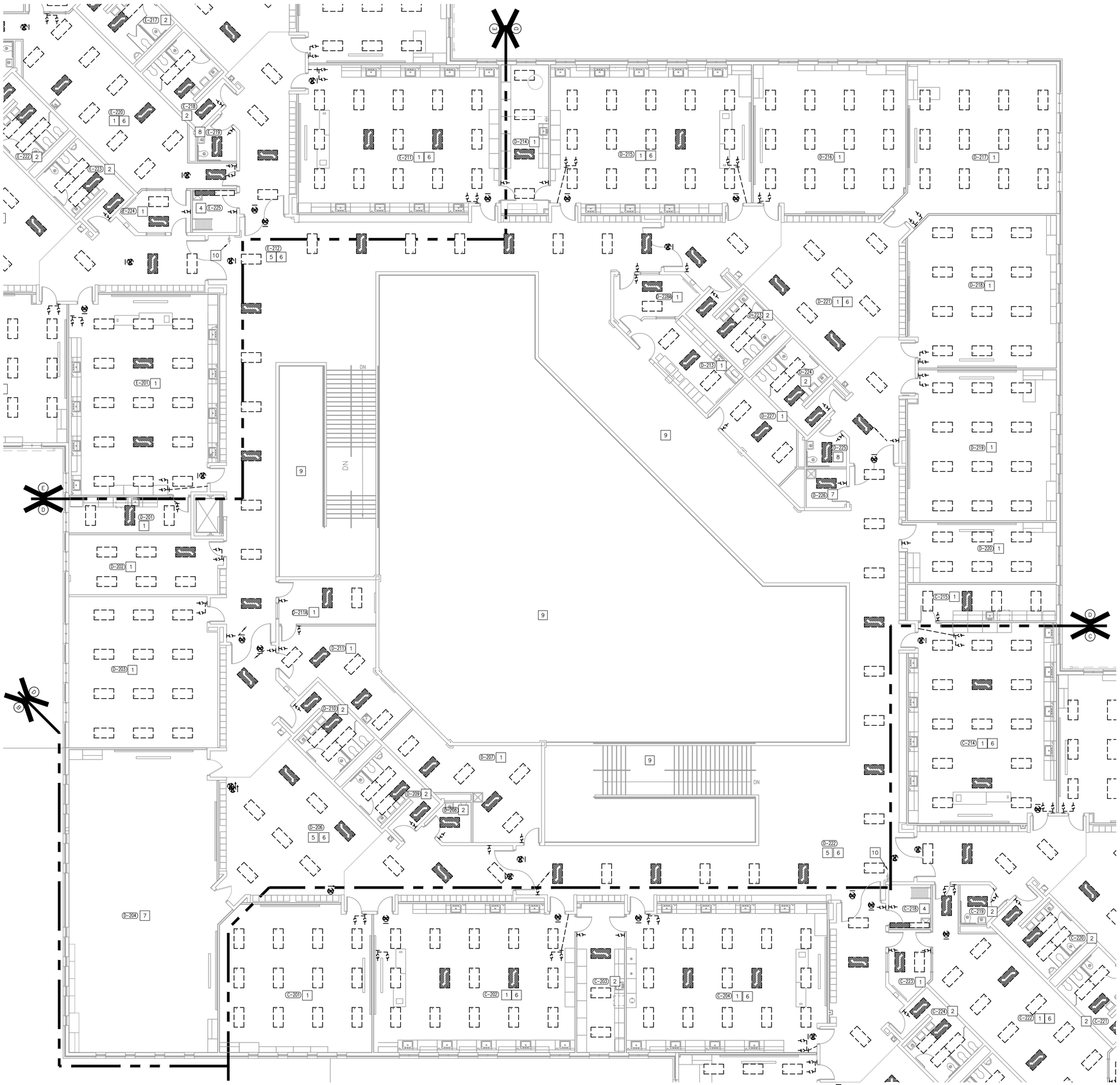
MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "C" ELECTRICAL SECOND FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET C2 ED108A

Friday, 4/25/2025 - 4:53 PM - LAST SAVED BY:JCHAMBERS
Y:\23-108 TRI-CREEK SC - LOWELL MS 5-8
IMPROVEMENTS\23-108 DRAWINGS\09 ELEC\ED108A.DWG



UNIT "D" ELECTRICAL SECOND FLOOR DEMOLITION LIGHTING PLAN

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

NORTH

ALTERNATE

ROOM LEGEND	
ROOM NO.	ROOM NAME
D-201	STORAGE
D-202	SGI
D-203	IS ELA
D-204	HUMANITIES
D-205	---
D-206	EXTENDED LEARNING
D-207	BUILDING SUPPORT
D-208	STAFF TOILET
D-209	BOYS
D-210	GIRLS
D-211	TEACHER PREP
D-211A	CONFERENCE
D-212	COMMONS
D-213	TECH
D-214	STORAGE
D-215	8TH GRADE SCIENCE
D-216	8TH GRADE FLEX CLRM
D-217	CLASSROOM
D-218	CLASSROOM
D-219	CLASSROOM
D-220	STORAGE
D-221	EXTENDED LEARNING
D-222	COMMONS
D-223	BOYS
D-224	GIRLS
D-225	STAFF TOILET
D-226	CUSTODIAN
D-227	BUILDING SUPPORT
D-228A	CONFERENCE

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601A
2. REMOVE EXISTING EXIT SIGNS IN AREAS WHERE NEW LIGHTING FIXTURES ARE BEING PROVIDED AND PREPARE WIRING FOR CONNECTION TO THE EXISTING EMERGENCY LIGHTING CIRCUIT AHEAD OF ANY CONTROLS.
3. REMOVE EXISTING OCCUPANCY SENSORS IN AREAS WHERE NEW LIGHTING FIXTURES ARE BEING PROVIDED AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING CONTROLS.
4. CONTRACTOR SHALL COORDINATE ALL NEW WORK SHOWN ON THIS SHEET WITH CURRENT LIGHTING CONTROLS WORK BE PERFORMED IN SELECTED AREAS BY THE OWNER AND HYRE ELECTRIC.

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REMOVE EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
2. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
3. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS TO THE EXISTING LIGHTING CONTROLS UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE EXISTING LIGHTING PLAN.
4. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
5. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING ACUITY BRAND LIGHTING CONTROLS UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
6. REMOVE EXISTING EXIT SIGN IN THIS ROOM AND PREPARE WIRING FOR CONNECTION TO THE EXISTING EMERENCY LIGHTING/EXIT LIGHT CIRCUIT.
7. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSOR AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS UTILIZING THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA.
9. EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS IN THIS ROOM SHALL REMAIN, UNLESS OTHERWISE NOTED.
10. EXISTING ACUITY NPODMA-GY nLIGHT WALL CONTROLLER TO REMAIN.

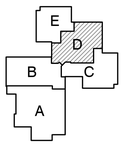
GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

- MIDDLE SCHOOL ALTERNATE

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



KEY PLAN

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PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REGISTERED PROFESSIONAL ENGINEER
DAVID G. JANNEY
NO. 10302590
STATE OF INDIANA

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "D" ELECTRICAL SECOND FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
D2 ED109A

Friday, 4/25/2025 - 4:53 PM - LAST SAVED BY:JCHAMBERS
Y:\23-108 TRI-CREEK SC - LOWELL MS 5-8
IMPROVEMENTS\23-108 DRAWINGS\09 ELEC\ED109A.DWG

ROOM LEGEND	
ROOM NO.	ROOM NAME
E-201	MS ART
E-202	8TH GRADE MATH CLRM
E-203	COMPUTER SCIENCE
E-204	8TH GRADE ELA CLRM
E-205	8TH GRADE SS CLRM
E-206	SC
E-207	8TH GRADE SS CLRM
E-208	8TH GRADE ELA CLRM
E-209	8TH GRADE PE/HEALTH
E-210	8TH GRADE MATH CLRM
E-211	8TH GRADE SCIENCE
E-212	EXTENDED LEARNING
E-213	CORRIDOR
E-214	EXTENDED LEARNING
E-215	---
E-216	STAFF
E-216	GIRLS
E-217	BOYS
E-218	---
E-219	STAFF TOILET
E-220	TEACHER PREP
E-221	STAFF TOILET
E-222	GIRLS
E-223	BOYS
E-224	CONFERENCE
E-225	CUSTODIAN

UNIT "E" ELECTRICAL SECOND FLOOR DEMOLITION LIGHTING PLAN

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

NORTH

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601A
2. REMOVE EXISTING EXIT SIGNS IN AREAS WHERE NEW LIGHTING FIXTURES ARE BEING PROVIDED AND PREPARE WIRING FOR CONNECTION TO THE EXISTING EMERGENCY LIGHTING CIRCUIT AHEAD OF ANY CONTROLS.
3. REMOVE EXISTING OCCUPANCY SENSORS IN AREAS WHERE NEW LIGHTING FIXTURES ARE BEING PROVIDED AND PREPARE WIRING FOR CONNECTION TO THE NEW LIGHTING CONTROLS.
4. CONTRACTOR SHALL COORDINATE ALL NEW WORK SHOWN ON THIS SHEET WITH CURRENT LIGHTING CONTROLS WORK BE PERFORMED IN SELECTED AREAS BY THE OWNER AND HYRE ELECTRIC.

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REMOVE EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES, OCCUPANCY SENSORS AND WALL DIMMERS UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
2. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
3. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS TO THE EXISTING LIGHTING CONTROLS UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE EXISTING LIGHTING PLAN.
4. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
5. REMOVE EXISTING LIGHTING FIXTURES IN THIS ROOM. REMOVE EXISTING WIRING BACK TO THE FIRST JUNCTION BOX AND PREPARE WIRING FOR CONNECTION OF THE NEW LIGHTING FIXTURES, NEW OCCUPANCY SENSORS AND EXISTING ACUITY BRAND LIGHTING CONTROLS UTILIZING THE EXISTING CIRCUITS AS SHOWN ON THE NEW LIGHTING PLANS.
6. REMOVE EXISTING EXIT SIGN IN THIS ROOM AND PREPARE WIRING FOR CONNECTION TO THE EXISTING EMERENCY LIGHTING/EXIT LIGHT CIRCUIT.
7. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSOR AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS UTILIZING THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA.
9. EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS IN THIS ROOM SHALL REMAIN, UNLESS OTHERWISE NOTED.
10. EXISTING ACUITY NPODMA-GY nLIGHT WALL CONTROLLER TO REMAIN.

ALTERNATE

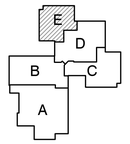
GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

- MIDDLE SCHOOL ALTERNATE

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



KEY PLAN

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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "E" ELECTRICAL SECOND FLOOR DEMOLITION LIGHTING PLAN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET E2

ED110A

Friday, 4/25/2025 - 4:54 PM - LAST SAVED BY:JCHAMBERS
Y:\23-108 TRI-CREEK SC - LOWELL MS 5-8
IMPROVEMENTS\23-108 DRAWINGS\09 ELEC\ED110A.DWG

UNIT "A" ELECTRICAL FIRST FLOOR LIGHTING PLAN - ALTERNATE BID

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

NORTH

ALTERNATE

ROOM LEGEND

ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
A–101	–––	A–126	CORRIDOR
A–102	LOCKER ROOM	A–127	CORRIDOR
A–103	SHOWER	A–128	GYMNASIUM
A–104	SHOWER	A–129	CARDIO
A–105	RESTROOM	A–130	STORAGE
A–106	RESTROOM	A–131	–––
A–107	RESTROOM	A–132	–––
A–108	LOCKERS	A–133	GYMNASIUM
A–109	OFFICE	A–133	AUX. GYM
A–110	LOCKER ROOM	A–134	VESTIBULE
A–111	STORAGE	A–135	CORRIDOR
A–112	OFFICE	A–136	GENERAL MUSIC
A–113	OFFICE	A–137	CHORAL
A–114	LOCKER ROOM	A–138	OFFICE
A–115	SHOWER	A–139	MUSIC LIBRARY
A–116	SHOWER	A–140	STORAGE
A–117	RESTROOM	A–141	–––
A–118	RESTROOM	A–142	BAND
A–119	RESTROOM	A–143	TR
A–120	LOCKERS	A–144	OFFICE
A–121	OFFICE	A–145	PRACTICE
A–122	LOCKER ROOM	A–146	PRACTICE
A–123	WRESTLING ROOM	A–147	PRACTICE
A–124	SOUND	A–148	BAND MULTI–USE
A–125	VESTIBULE	A–149	CORRIDOR

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E–601.
2. SEE E–600 SERIES SHEETS FOR ELECTRICAL SCHEDULES.
3. COORDINATE THE LIGHTING CONTROLS OF THE LIGHTING IN THE CLASSROOMS SO THAT THE ROOM CLOSET TO THE TEACHING WALL IS CONTROLLED BY ONE OF THE WALL DIMMERS AND THE REMAINING LIGHTS IN THE ROOM ARE CONTROLLED BY THE SECOND WALL DIMMER.
4. CONNECT NEW NIGHT LIGHTS/EMERGENCY (NL) LIGHTS AND NEW EXIT SIGNS TO EXISTING EMERGENCY LIGHTING CIRCUITS SERVING THE EXISTING EMERGENCY LIGHTING FIXTURES AND EXIT SIGNS ON THIS SHEET, AHEAD OF ANY CONTROLS.
5. CONTRACTOR SHALL COORDINATE ALL NEW WORK SHOWN ON THIS SHEET WITH CURRENT LIGHTING CONTROLS WORK BE PERFORMED IN SELECTED AREAS BY THE OWNER AND HYRE ELECTRIC.

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES, WALL DIMMERS AND OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW WALL DIMMERS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND CONTROLS, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.
6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.
7. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSOR AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS UTILIZING THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA.
9. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS AND THE EXISTING ACUITY BRAND CONTROLS UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
10. REPLACE EXISTING EXTERIOR LIGHTING FIXTURE WITH NEW EXTERIOR LIGHTING FIXTURE AND CONNECT TO THE EXISTING EXTERIOR LIGHTING CIRCUIT AND CONTROLS, UNLESS OTHERWISE NOTED.
11. EXISTING LIGHTING FIXTURES, CONTROLS, ETC IN THIS ROOM TO REMAIN.
12. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE NEW OCCUPANCY SENSORS, NEW ACUITY BRAND LIGHTING CONTROL PANEL "LCPA1" AND ACUITY BRAND PUSH BUTTON CONTROLLERS UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
13. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDORS A–126 AND A–127.
14. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW CORRIDOR LIGHTS IN CORRIDORS A–135 AND A–149.
15. PROVIDE A NEW ACUITY BRAND OR APPROVED EQUAL LIGHTING CONTROL PANEL "LCPA1" IN SECOND FLOOR MEZZANINE A–201 TO SERVE THE NEW CORRIDOR LIGHTS, OCCUPANCY SENSORS AND ACUITY BRAND LIGHTING CONTROLLER.

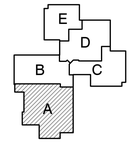
GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

- MIDDLE SCHOOL ALTERNATE

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



KEY PLAN

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REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

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AD–1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "A" ELECTRICAL FIRST FLOOR LIGHTING PLAN - ALTERNATE BID

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
A1
E-101A

Friday, 4/25/2025 – 4:51 PM – LAST SAVED BY:JCHAMBERS
Y:\23-108 TRI-CREEK SC – LOWELL MS 5-8
IMPROVEMENTS\23-108 DRAWINGS\09 ELEC\E-101A.DWG

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

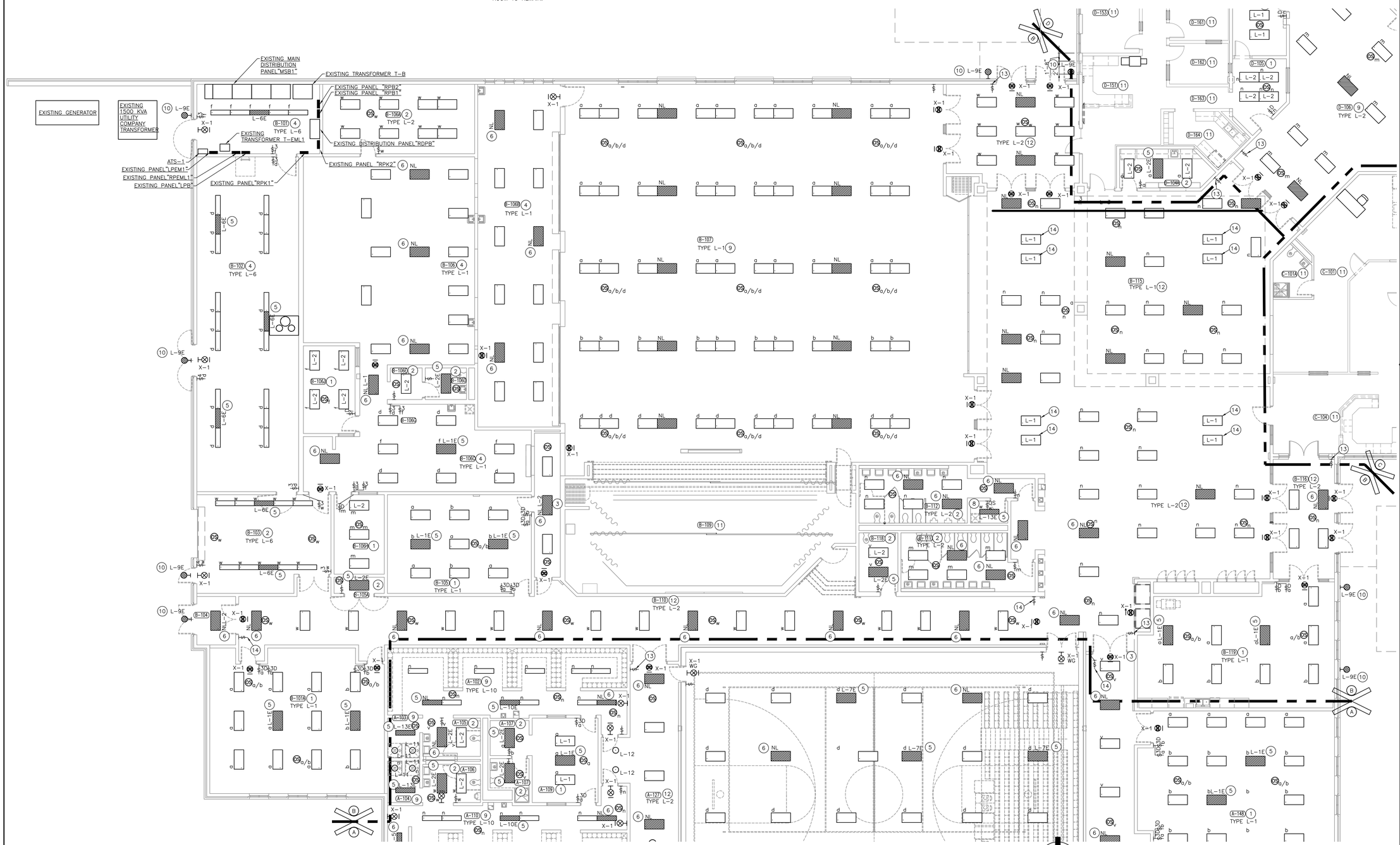
1. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES, WALL DIMMERS AND OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW WALL DIMMERS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND CONTROLS, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.
6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.
7. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSOR AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS UTILIZING THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA.
9. REPLACE EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS IN THIS ROOM WITH NEW LIGHTING FIXTURES, LIGHT SWITCHES. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW EXISTING ACUITY BRAND CONTROLS UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
10. REPLACE EXISTING EXTERIOR LIGHTING FIXTURE WITH NEW EXTERIOR LIGHTING FIXTURE AND CONNECT TO THE EXISTING EXTERIOR LIGHTING CIRCUIT AND CONTROLS, UNLESS OTHERWISE NOTED.
11. EXISTING LIGHTING FIXTURES, CONTROLS, ETC IN THIS ROOM TO REMAIN.
12. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE NEW OCCUPANCY SENSORS, NEW ACUITY BRAND LIGHTING CONTROL PANEL "LCPA1" AND ACUITY BRAND PUSH BUTTON CONTROLLERS UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
13. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW LIGHTS IN COMMONS B-115.
14. CONNECT NEW LIGHTING FIXTURES TO THE NEW LIGHTING CONTROLS FOR THIS ROOM UTILIZING THE EXISTING LIGHTING CIRCUITS SERVING THIS ROOM.

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SERIES SHEETS FOR ELECTRICAL SCHEDULES.
3. COORDINATE THE LIGHTING CONTROLS OF THE LIGHTING IN THE CLASSROOMS SO THAT THE ROOM CLOSET TO THE TEACHING WALL IS CONTROLLED BY ONE OF THE WALL DIMMERS AND THE REMAINING LIGHTS IN THE ROOM ARE CONTROLLED BY THE SECOND WALL DIMMER.
4. CONNECT NEW NIGHT LIGHTS/EMERGENCY (NL) LIGHTS AND NEW EXIT SIGNS TO EXISTING EMERGENCY LIGHTING CIRCUITS SERVING THE EXISTING EMERGENCY LIGHTING FIXTURES AND EXIT SIGNS ON THIS SHEET, AHEAD OF ANY CONTROLS.
5. CONTRACTOR SHALL COORDINATE ALL NEW WORK SHOWN ON THIS SHEET WITH CURRENT LIGHTING CONTROLS WORK BE PERFORMED IN SELECTED AREAS BY THE OWNER AND HYRE ELECTRIC.

ROOM LEGEND

ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
B-101	ELECTRICAL	B-107	STUDENT DINING
B-101A	WEIGHTS	B-108	---
B-102	BOILER/CHILLER ROOM	B-109	PLATFORM
B-103	STORAGE	B-110	CORRIDOR
B-104	VESTIBULE	B-111	GIRLS
B-105	TEACHER DINING	B-112	BOYS
B-105A	TR	B-113	---
B-106	KITCHEN	B-114	VESTIBULE
B-106A	DRY STORAGE	B-115	COMMONS
B-106B	SERVING	B-116	VESTIBULE
B-106C	WAREWASH	B-117	---
B-106D	TOILET	B-118	TOILET
B-106E	LOCKERS	B-119	OPPORTUNITY CENTER
B-106G	DISHWASH		
B-106H	OFFICE		
B-106J	OFFICE		



UNIT "B" ELECTRICAL FIRST FLOOR LIGHTING PLAN - ALTERNATE BID

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

ALTERNATE

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
- MIDDLE SCHOOL ALTERNATE

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA

KEY PLAN

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9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
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PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "B" ELECTRICAL FIRST FLOOR LIGHTING PLAN - ALTERNATE BID

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
B1 E-102A

Friday, 4/25/2025 - 4:51 PM - LAST SAVED BY:JCHAMBERS
Y:\23-108 TRI-CREEK SC - LOWELL MS 5-8 IMPROVEMENTS\23-108 DRAWINGS\09 ELEC\E-102A.DWG

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES, WALL DIMMERS AND OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW WALL DIMMERS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND CONTROLS, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.
7. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSOR AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS UTILIZING THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA.
9. REPLACE EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS IN THIS ROOM WITH NEW LIGHTING FIXTURES, LIGHT SWITCHES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
10. REPLACE EXISTING EXTERIOR LIGHTING FIXTURE WITH NEW EXTERIOR LIGHTING FIXTURE AND CONNECT TO THE EXISTING EXTERIOR LIGHTING CIRCUIT AND CONTROLS, UNLESS OTHERWISE NOTED.

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

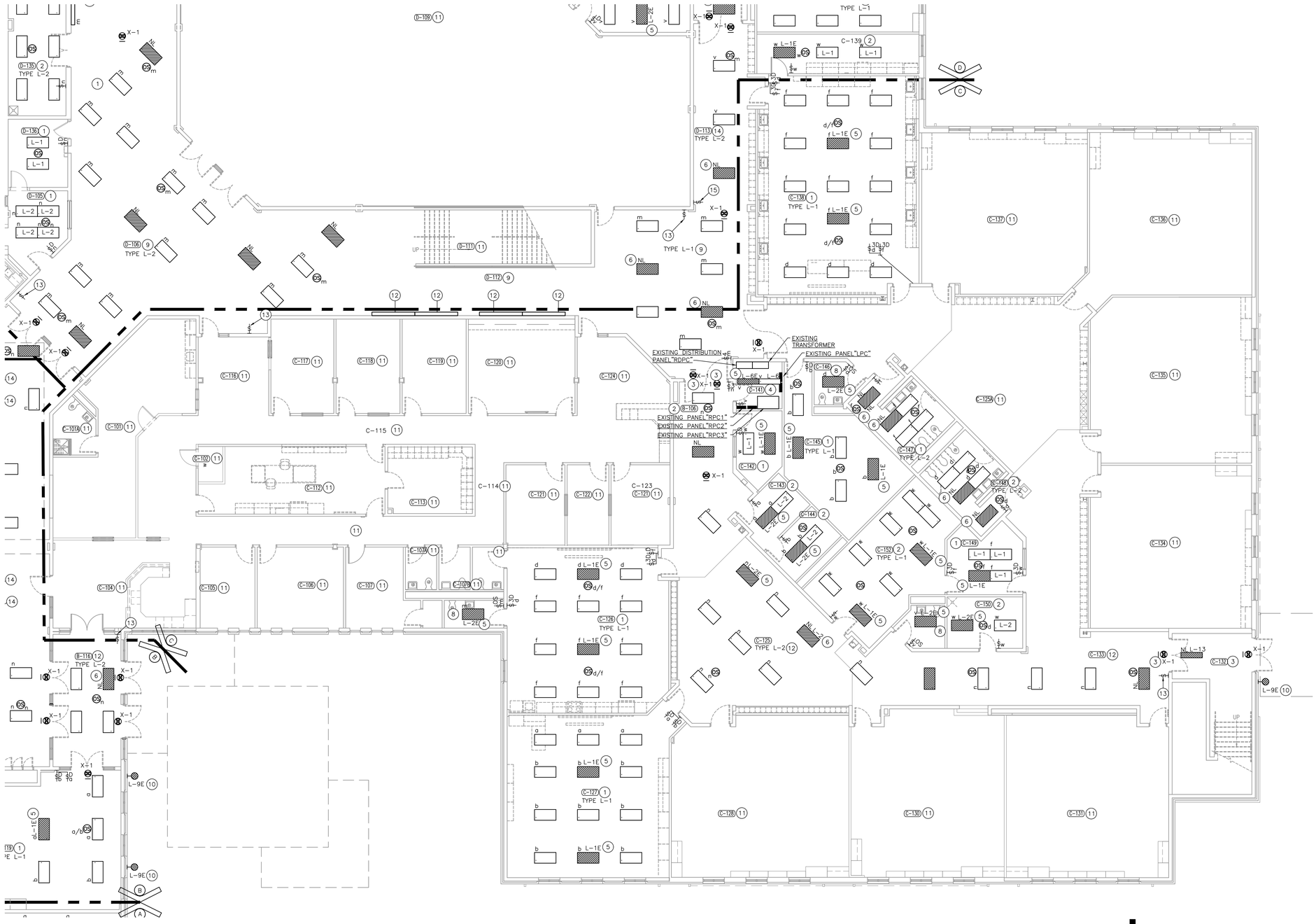
11. EXISTING LIGHTING FIXTURES, CONTROLS, ETC IN THIS ROOM TO REMAIN.
12. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS TO THE EXISTING ACUITY BRAND CONTROLS UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
13. EXISTING ACUITY NPODMA-GY nLIGHT WALL CONTROLLER TO REMAIN.

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SERIES SHEETS FOR ELECTRICAL SCHEDULES.
3. COORDINATE THE LIGHTING CONTROLS OF THE LIGHTING IN THE CLASSROOMS SO THAT THE ROOM CLOSET TO THE TEACHING WALL IS CONTROLLED BY ONE OF THE WALL DIMMERS AND THE REMAINING LIGHTS IN THE ROOM ARE CONTROLLED BY THE SECOND WALL DIMMER.
4. CONNECT NEW NIGHT LIGHTS/EMERGENCY (NL) LIGHTS AND NEW EXIT SIGNS TO EXISTING EMERGENCY LIGHTING CIRCUITS SERVING THE EXISTING EMERGENCY LIGHTING FIXTURES AND EXIT SIGNS ON THIS SHEET, AHEAD OF ANY CONTROLS.
5. CONTRACTOR SHALL COORDINATE ALL NEW WORK SHOWN ON THIS SHEET WITH CURRENT LIGHTING CONTROLS WORK BE PERFORMED IN SELECTED AREAS BY THE OWNER AND HYRE ELECTRIC.

ROOM LEGEND

ROOM NO.	ROOM NAME
C-101	NURSE
C-101A	RESTROOM
C-101B	---
C-102	STORAGE
C-103	---
C-104	RECEPTION
C-105	CONFERENCE
C-106	PRINCIPAL
C-107	FLEX
C-107A	RESTROOM
C-107B	RESTROOM
C-108	---
C-109	---
C-110	---
C-111	---
C-112	WORKROOM
C-113	RECORDS
C-114	---
C-115	---
C-116	WAITING
C-117	GUIDANCE SECRETARY
C-118	GUIDANCE COUNSELOR
C-119	SOCIAL WORKER
C-120	CONFERENCE
C-121	FLEX
C-121	NISEC
C-122	CALM
C-123	---
C-124	SAFETY
C-125	EXTENDED LEARNING
C-125A	EXTENDED LEARNING
C-126	5TH GRADE CLRM
C-127	5TH GRADE CLRM
C-128	5TH GRADE CLRM
C-129	---
C-130	5TH GRADE CLRM
C-131	5TH GRADE CLRM
C-132	STAIRS
C-133	CORRIDOR
C-134	5TH GRADE CLRM
C-135	5TH GRADE CLRM
C-136	5TH GRADE CLRM
C-137	5TH GRADE CLRM
C-138	5TH GRADE CLRM
C-139	---
C-140	---
C-141	ELECTRICAL
C-142	SPEECH/HEARING
C-143	TECH OFFICE
C-144	TR
C-145	TEACHER PREP
C-146	STAFF TOILET
C-147	BOYS
C-148	GIRLS
C-149	CONFERENCE
C-150	CUSTODIAN
C-151	STAFF TOILET
C-152	GIFTED



UNIT "C" ELECTRICAL FIRST FLOOR LIGHTING PLAN - ALTERNATE BID

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

ALTERNATE

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

- MIDDLE SCHOOL ALTERNATE

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA

KEY PLAN

GIBRALTAR DESIGN
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Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "C" ELECTRICAL FIRST FLOOR LIGHTING PLAN - ALTERNATE BID

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
C1 E-103A

Friday, 4/25/2025 - 4:52 PM - LAST SAVED BY:JCHAMBERS
Y:\23-108 TRI-CREEK SC - LOWELL MS 5-8 IMPROVEMENTS\23-108 DRAWINGS\09 ELEC\E-103A.DWG

UNIT "D" ELECTRICAL FIRST FLOOR LIGHTING PLAN - ALTERNATE BID

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

ALTERNATE

ROOM LEGEND			
ROOM NO.	ROOM NAME	ROOM NO.	ROOM NAME
D-101	MACHINE ROOM	D-133	5TH GRADE FLEX CLRM
D-102	---	D-134	SGI
D-103	---	D-135	STORAGE
D-104	---	D-136	BOOK KEEPER
D-104A	CONCESSIONS	D-137	---
D-105	ATTENDANCE	D-138	---
D-106	COMMONS	D-139	---
D-107	---	D-140	---
D-108	STAIRS	D-141	---
D-109	MEDIA CENTER	D-142	---
D-110	---	D-143	---
D-111	STAIRS	D-144	---
D-112	CORRIDOR	D-145	---
D-113	CORRIDOR	D-146	---
D-114	CONFERENCE	D-147	---
D-115	OFFICE	D-148	---
D-116	OFFICE	D-149	---
D-117	OFFICE	D-150	---
D-118	AV STORAGE	D-151	RECEPTION
D-119	TEACHER PREP	D-152	HALL
D-120	STORAGE	D-153	CONFERENCE
D-121	CUSTODIAN	D-154	PRINCIPAL
D-122	STAFF TOILET	D-155	STUDENT SUPPORT
D-123	GIRLS	D-156	DE-ESCALATION ROOM
D-124	BOYS	D-157	FILES
D-125	CONFERENCE	D-158	ATHLETIC DIRECTOR
D-126	CORRIDOR	D-159	RESTROOM
D-127	EXTENDED LEARNING	D-160	RESTROOM
D-128	STORAGE	D-161	DEAN
D-129	7TH GRADE SCIENCE LAB	D-162	ISS
D-130	7TH GRADE FLEX CLRM	D-163	MAIL
D-131	7TH GRADE PE/HEALTH	D-164	WORKROOM
D-132	SE		

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SERIES SHEETS FOR ELECTRICAL SCHEDULES.
3. COORDINATE THE LIGHTING CONTROLS OF THE LIGHTING IN THE CLASSROOMS SO THAT THE ROOM CLOSET TO THE TEACHING WALL IS CONTROLLED BY ONE OF THE WALL DIMMERS AND THE REMAINING LIGHTS IN THE ROOM ARE CONTROLLED BY THE SECOND WALL DIMMER.
4. CONNECT NEW NIGHT LIGHTS/EMERGENCY (NL) LIGHTS AND NEW EXIT SIGNS TO EXISTING EMERGENCY LIGHTING CIRCUITS SERVING THE EXISTING EMERGENCY LIGHTING FIXTURES AND EXIT SIGNS ON THIS SHEET, AHEAD OF ANY CONTROLS.
5. CONTRACTOR SHALL COORDINATE ALL NEW WORK SHOWN ON THIS SHEET WITH CURRENT LIGHTING CONTROLS WORK BE PERFORMED IN SELECTED AREAS BY THE OWNER AND HYRE ELECTRIC.

ELECTRICAL PLAN NOTES:

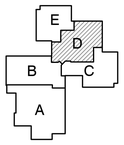
(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES, WALL DIMMERS AND OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW WALL DIMMERS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND CONTROLS, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.
6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.
7. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSOR AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS UTILIZING THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA.
9. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS TO THE NEW EXISTING ACUITY BRAND CONTROLS UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
10. REPLACE EXISTING EXTERIOR LIGHTING FIXTURE WITH NEW EXTERIOR LIGHTING FIXTURE AND CONNECT TO THE EXISTING EXTERIOR LIGHTING CIRCUIT AND CONTROLS, UNLESS OTHERWISE NOTED.
11. EXISTING LIGHTING FIXTURES, CONTROLS, ETC IN THIS ROOM TO REMAIN.
12. PROVIDE ALL LABOR AND MATERIAL TO PROPERLY RETROFIT THE EXISTING WALL MOUNTED LIGHTING FIXTURE WITHT THE APPROPRIATE LED LAMPS AND DRIVERS.
13. EXISTING ACUITY NPODMA-GY nLIGHT WALL CONTROLLER TO REMAIN.
14. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO NEW ACUITY BRAND LIGHTING CONTROL PANEL "LCPD1" AND ACUITY BRAND PUSH BUTTON CONTROLLERS UTILIZING THE EXISTING LIGHTING CIRCUITS, UNLESS OTHERWISE NOTED.
15. PROVIDE AN ACUITY BRAND WALL PUSH BUTTON CONTROLLER OR APPROVED EQUAL AS SHOWN TO CONTROL THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS IN CORRIDOR D-113, CORRIDOR D-126 AND EARLY LEARNING D-127.
16. PROVIDE A NEW ACUITY BRAND OR APPROVED EQUAL LIGHTING CONTROL PANEL "LCPE1" IN THIRD FLOOR MEZZANINE E-301 TO SERVE THE NEW CORRIDOR LIGHTS, OCCUPANCY SENSORS AND ACUITY BRAND LIGHTING CONTROLLER.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
- MIDDLE SCHOOL ALTERNATE

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



KEY PLAN

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Indianapolis, IN 46260
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PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "D" ELECTRICAL FIRST FLOOR LIGHTING PLAN - ALTERNATE BID

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
D1 E-104A

Friday, 4/25/2025 - 4:52 PM - LAST SAVED BY:JCHAMBERS
Y:\23-108 TRI-CREEK SC - LOWELL MS 5-8
IMPROVEMENTS\23-108 DRAWINGS\09 ELEC\E-104A.DWG

UNIT "E" ELECTRICAL FIRST FLOOR LIGHTING PLAN - ALTERNATE BID

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

ALTERNATE

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SERIES SHEETS FOR ELECTRICAL SCHEDULES.
3. COORDINATE THE LIGHTING CONTROLS OF THE LIGHTING IN THE CLASSROOMS SO THAT THE ROOM CLOSET TO THE TEACHING WALL IS CONTROLLED BY ONE OF THE WALL DIMMERS AND THE REMAINING LIGHTS IN THE ROOM ARE CONTROLLED BY THE SECOND WALL DIMMER.
4. CONNECT NEW NIGHT LIGHTS/EMERGENCY (NL) LIGHTS AND NEW EXIT SIGNS TO EXISTING EMERGENCY LIGHTING CIRCUITS SERVING THE EXISTING EMERGENCY LIGHTING FIXTURES AND EXIT SIGNS ON THIS SHEET, AHEAD OF ANY CONTROLS.
5. CONTRACTOR SHALL COORDINATE ALL NEW WORK SHOWN ON THIS SHEET WITH CURRENT LIGHTING CONTROLS WORK BE PERFORMED IN SELECTED AREAS BY THE OWNER AND HYRE ELECTRIC.

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES, WALL DIMMERS AND OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW WALL DIMMERS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND CONTROLS, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.
6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A 'NIGHT' LIGHT.
7. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSOR AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS UTILIZING THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA.
9. REPLACE EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS IN THIS ROOM WITH NEW LIGHTING FIXTURES, LIGHT SWITCHES. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW EXISTING ACUITY BRAND CONTROLS UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
10. REPLACE EXISTING EXTERIOR LIGHTING FIXTURE WITH NEW EXTERIOR LIGHTING FIXTURE AND CONNECT TO THE EXISTING EXTERIOR LIGHTING CIRCUIT AND CONTROLS, UNLESS OTHERWISE NOTED.
11. EXISTING LIGHTING FIXTURES, CONTROLS, ETC IN THIS ROOM TO REMAIN.
12. EXISTING ACUITY NPODMA-GY nLIGHT WALL CONTROLLER TO REMAIN.

ROOM LEGEND

ROOM NO.	ROOM NAME
E-101	----
E-102	7TH GRADE FLA CLRM
E-103	CORRIDOR
E-104	SE
E-105	7TH GRADE MATH CLRM
E-106	7TH GRADE ELA CLRM
E-107	7TH GRADE SS CLRM
E-108	7TH GRADE SCIENCE LAB
E-109	EXTENDED LEARNING
E-110	CUSTODIAN
E-111	ELECTRICAL
E-112	STAFF TOILET
E-113	GIRLS
E-114	BOYS
E-115	CONFERENCE
E-116	TEACHER PREP
E-117	MC/ER
E-118	CORRIDOR
E-119	COMPUTER LAB
E-120	COMPUTER LAB
E-121	COMPUTER APPLICATIONS
E-122	PLTW
E-123	STORAGE
E-124	CORRIDOR

GIBRALTAR
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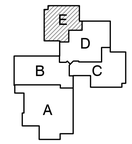
PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

- MIDDLE SCHOOL ALTERNATE

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



KEY PLAN

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9102 N. Meridian St., Ste. 300
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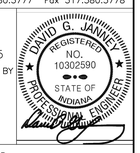
Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ



REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "E" ELECTRICAL FIRST FLOOR LIGHTING PLAN - ALTERNATE BID

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
E1
E-105A

Friday, 4/25/2025 - 4:52 PM - LAST SAVED BY:JCHAMBERS
Y:\23-108 TRI-CREEK SC - LOWELL MS 5-8 IMPROVEMENTS\23-108 DRAWINGS\09 ELEC\E-105A.DWG

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES, WALL DIMMERS AND OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW WALL DIMMERS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND CONTROLS, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.
7. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS UTILIZING THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA.
9. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS TO THE EXISTING ACUITY BRAND CONTROLS UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
10. EXISTING LIGHTING FIXTURES AND CONTROLS IN THIS ROOM SHALL REMAIN, UNLESS OTHERWISE NOTED.
11. EXISTING ACUITY NPODMA-GY nLIGHT WALL CONTROLLER TO REMAIN.

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SERIES SHEETS FOR ELECTRICAL SCHEDULES.
3. COORDINATE THE LIGHTING CONTROLS OF THE LIGHTING IN THE CLASSROOMS SO THAT THE ROOM CLOSET TO THE TEACHING WALL IS CONTROLLED BY ONE OF THE WALL DIMMERS AND THE REMAINING LIGHTS IN THE ROOM ARE CONTROLLED BY THE SECOND WALL DIMMER.
4. CONNECT NEW NIGHT LIGHTS/EMERGENCY (NL) LIGHTS AND NEW EXIT SIGNS TO EXISTING EMERGENCY LIGHTING CIRCUITS SERVING THE EXISTING EMERGENCY LIGHTING FIXTURES AND EXIT SIGNS ON THIS SHEET, AHEAD OF ANY CONTROLS.
5. CONTRACTOR SHALL COORDINATE ALL NEW WORK SHOWN ON THIS SHEET WITH CURRENT LIGHTING CONTROLS WORK BE PERFORMED IN SELECTED AREAS BY THE OWNER AND HYRE ELECTRIC.

ROOM LEGEND

ROOM NO.	ROOM NAME
C-201	6TH GRADE FLEX CLRM
C-202	6TH GRADE SCIENCE
C-203	PREP
C-204	6TH GRADE SCIENCE
C-205	6TH GRADE MATH CLRM
C-206	COMPUTER SCIENCE
C-207	6TH GRADE ELA CLRM
C-208	6TH GRADE SS CLRM
C-209	6TH GRADE PE/HEALTH
C-210	6TH GRADE SS CLRM
C-211	6TH GRADE ELA CLRM
C-212	SE
C-213	6TH GRADE MATH CLRM
C-214	ART
C-215	STORAGE
C-216	EXTENDED LEARNING
C-217	EXTENDED LEARNING
C-218	CUSTODIAN
C-219	STAFF TOILET
C-220	BOYS
C-221	GIRLS
C-222	PREP
C-223	CONFERENCE
C-224	GIRLS
C-225	BOYS
C-226	STAFF TOILET
C-227	CONFERENCE
C-228	----
C-229	CORRIDOR

UNIT "C" ELECTRICAL SECOND FLOOR LIGHTING PLAN - ALTERNATE BID

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

NORTH

ALTERNATE

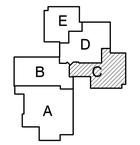
GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

- MIDDLE SCHOOL ALTERNATE

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



KEY PLAN

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PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

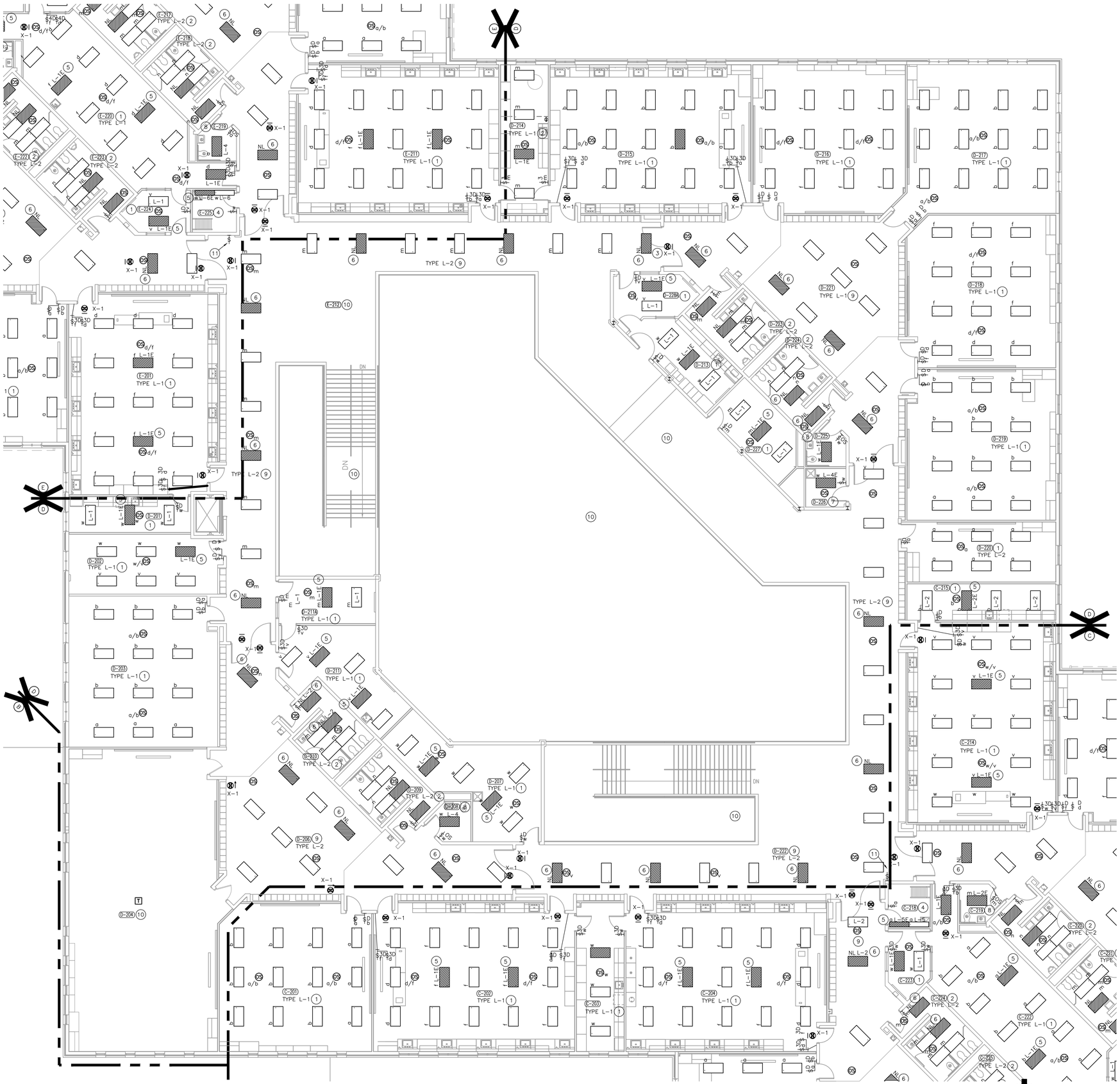
MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "C" ELECTRICAL SECOND FLOOR LIGHTING PLAN - ALTERNATE BID

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
C2
E-108A

Friday, 4/25/2025 - 4:52 PM - LAST SAVED BY:JCHAMBERS
Y:\23-108 TRI-CREEK SC - LOWELL MS 5-8 IMPROVEMENTS\23-108 DRAWINGS\09 ELEC\E-108A.DWG



UNIT "D" ELECTRICAL SECOND FLOOR LIGHTING PLAN - ALTERNATE BID

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

ALTERNATE

ROOM LEGEND	
ROOM NO.	ROOM NAME
D-201	STORAGE
D-202	SGI
D-203	IS ELA
D-204	HUMANITIES
D-205	----
D-206	EXTENDED LEARNING
D-207	BUILDING SUPPORT
D-208	STAFF TOILET
D-209	BOYS
D-210	GIRLS
D-211	TEACHER PREP
D-211A	CONFERENCE
D-212	COMMONS
D-213	TECH
D-214	STORAGE
D-215	8TH GRADE SCIENCE
D-216	8TH GRADE FLEX CLRM
D-217	CLASSROOM
D-218	CLASSROOM
D-219	CLASSROOM
D-220	STORAGE
D-221	EXTENDED LEARNING
D-222	COMMONS
D-223	BOYS
D-224	GIRLS
D-225	STAFF TOILET
D-226	CUSTODIAN
D-227	BUILDING SUPPORT
D-228A	CONFERENCE

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SERIES SHEETS FOR ELECTRICAL SCHEDULES.
3. COORDINATE THE LIGHTING CONTROLS OF THE LIGHTING IN THE CLASSROOMS SO THAT THE ROOM CLOSET TO THE TEACHING WALL IS CONTROLLED BY ONE OF THE WALL DIMMERS AND THE REMAINING LIGHTS IN THE ROOM ARE CONTROLLED BY THE SECOND WALL DIMMER.
4. CONNECT NEW NIGHT LIGHTS/EMERGENCY (NL) LIGHTS AND NEW EXIT SIGNS TO EXISTING EMERGENCY LIGHTING CIRCUITS SERVING THE EXISTING EMERGENCY LIGHTING FIXTURES AND EXIT SIGNS ON THIS SHEET, AHEAD OF ANY CONTROLS.
5. CONTRACTOR SHALL COORDINATE ALL NEW WORK SHOWN ON THIS SHEET WITH CURRENT LIGHTING CONTROLS WORK BE PERFORMED IN SELECTED AREAS BY THE OWNER AND HYRE ELECTRIC.

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES, WALL DIMMERS AND OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW WALL DIMMERS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND CONTROLS, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.
6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.
7. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSOR AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS UTILIZING THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA.
9. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS TO THE EXISTING ACUITY BRAND CONTROLS UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
10. EXISTING LIGHTING FIXTURES AND CONTROLS IN THIS ROOM SHALL REMAIN, UNLESS OTHERWISE NOTED.
11. EXISTING ACUITY NPODMA-GY nLIGHT WALL CONTROLLER TO REMAIN.

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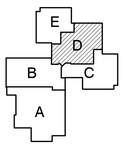
PROJECT

LOWELL HIGH SCHOOL IMPROVEMENTS 2025

- MIDDLE SCHOOL ALTERNATE

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



KEY PLAN

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PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER DAVID G. JANNEY

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "D" ELECTRICAL SECOND FLOOR LIGHTING PLAN - ALTERNATE BID

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
D2 E-109A

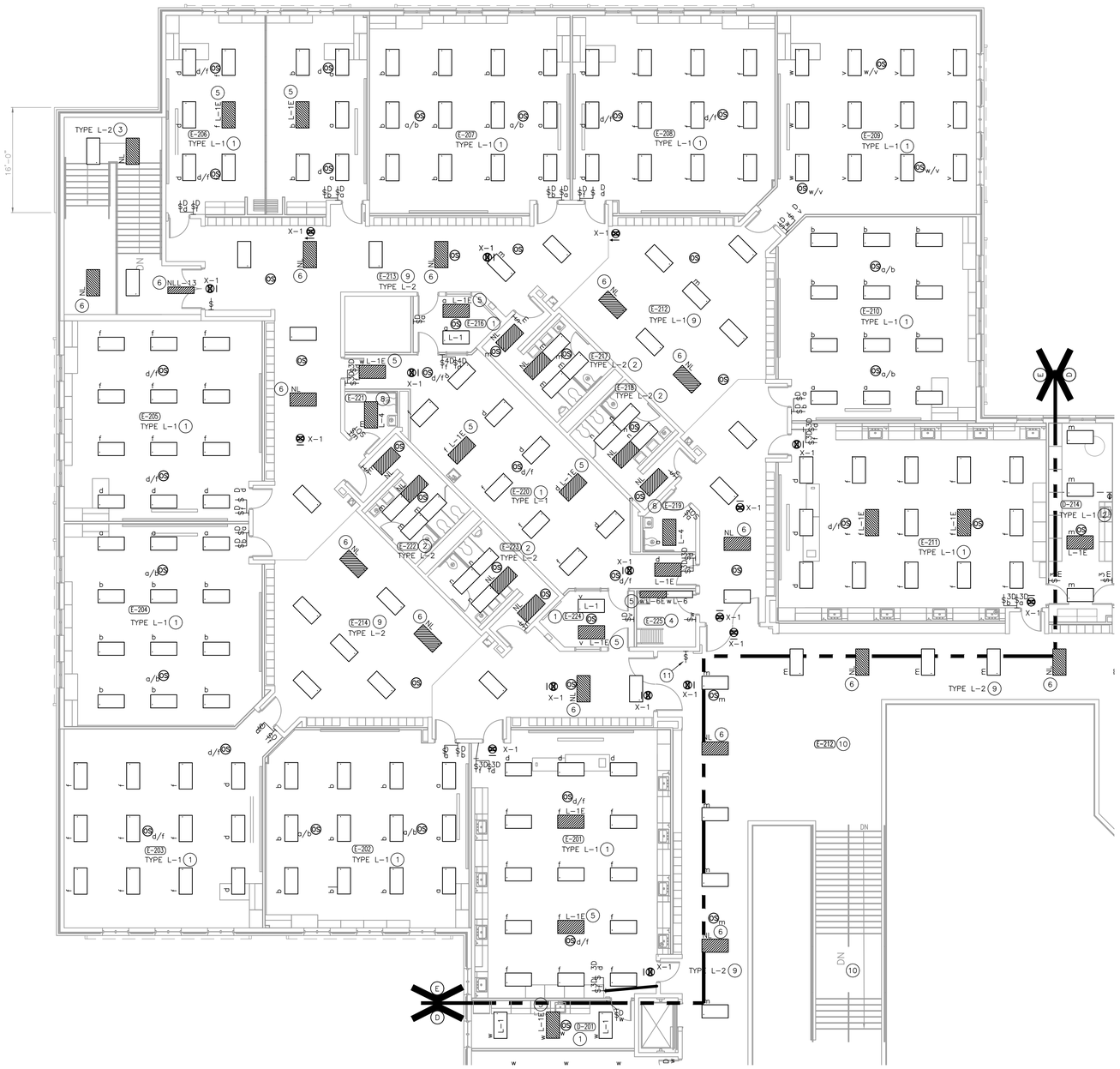
Friday, 4/25/2025 - 4:52 PM - LAST SAVED BY:JCHAMBERS
Y:\23-108 TRI-CREEK SC - LOWELL MS 5-8
IMPROVEMENTS\23-108 DRAWINGS\09 ELEC\E-109A.DWG

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601.
2. SEE E-600 SERIES SHEETS FOR ELECTRICAL SCHEDULES.
3. COORDINATE THE LIGHTING CONTROLS OF THE LIGHTING IN THE CLASSROOMS SO THAT THE ROOM CLOSET TO THE TEACHING WALL IS CONTROLLED BY ONE OF THE WALL DIMMERS AND THE REMAINING LIGHTS IN THE ROOM ARE CONTROLLED BY THE SECOND WALL DIMMER.
4. CONNECT NEW NIGHT LIGHTS/EMERGENCY (NL) LIGHTS AND NEW EXIT SIGNS TO EXISTING EMERGENCY LIGHTING CIRCUITS SERVING THE EXISTING EMERGENCY LIGHTING FIXTURES AND EXIT SIGNS ON THIS SHEET, AHEAD OF ANY CONTROLS.
5. CONTRACTOR SHALL COORDINATE ALL NEW WORK SHOWN ON THIS SHEET WITH CURRENT LIGHTING CONTROLS WORK BE PERFORMED IN SELECTED AREAS BY THE OWNER AND HYRE ELECTRIC.

ROOM LEGEND

ROOM NO.	ROOM NAME
E-201	MS ART
E-202	8TH GRADE MATH CLRM
E-203	COMPUTER SCIENCE
E-204	8TH GRADE ELA CLRM
E-205	8TH GRADE SS CLRM
E-206	SC
E-207	8TH GRADE SS CLRM
E-208	8TH GRADE ELA CLRM
E-209	8TH GRADE PE/HEALTH
E-210	8TH GRADE MATH CLRM
E-211	8TH GRADE SCIENCE
E-212	EXTENDED LEARNING
E-213	CORRIDOR
E-214	EXTENDED LEARNING
E-215	---
E-216	STAFF
E-216	GIRLS
E-217	BOYS
E-218	---
E-219	STAFF TOILET
E-220	TEACHER PREP
E-221	STAFF TOILET
E-222	GIRLS
E-223	BOYS
E-224	CONFERENCE
E-225	CUSTODIAN



UNIT "E" ELECTRICAL SECOND FLOOR LIGHTING PLAN - ALTERNATE BID

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

ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES, WALL DIMMERS AND OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE NEW WALL DIMMERS UTILIZING THE EXISTING CIRCUITS SERVING THIS ROOM, UNLESS OTHERWISE NOTED.
2. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
3. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS AS SHOWN AND MODIFY WIRING AS NECESSARY TO CONNECT THEM TO THE EXISTING LIGHTING CIRCUITS AND CONTROLS, UNLESS OTHERWISE NOTED.
4. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES. CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING LIGHT SWITCHES UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
5. CONNECT NEW EMERGENCY GENERATOR TRANSFER DEVICE TO THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA SO THAT ON LOSS OF NORMAL POWER TO THE LIGHTING FIXTURE OCCURS, THE POWER TRANSFERS OVER TO THE EMERGENCY CIRCUIT.
6. MODIFY WIRING TO THE NEW LIGHTING FIXTURE SHOWN TO CONNECT TO THE EXISTING EMERGENCY LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS TO SERVE AS A NIGHT LIGHT.
7. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND WALL MOUNTED OCCUPANCY SENSOR. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSOR UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
8. REPLACE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSOR AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS UTILIZING THE EXISTING EMERGENCY CIRCUIT SERVING THIS AREA.
9. REPLACE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH NEW LIGHTING FIXTURES AND OCCUPANCY SENSORS. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES TO THE EXISTING ACUITY BRAND CONTROLS UTILIZING THE EXISTING CIRCUITS, UNLESS OTHERWISE NOTED.
10. EXISTING LIGHTING FIXTURES AND CONTROLS IN THIS ROOM SHALL REMAIN, UNLESS OTHERWISE NOTED.
11. EXISTING ACUITY NPODMA-GY nLIGHT WALL CONTROLLER TO REMAIN.

ALTERNATE

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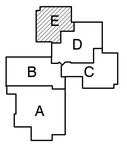
PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
- MIDDLE SCHOOL ALTERNATE

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



KEY PLAN

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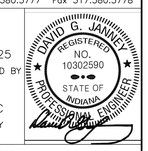
PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ



REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
UNIT "E" ELECTRICAL SECOND FLOOR LIGHTING PLAN - ALTERNATE BID

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
E2

E-110A

Friday, 4/25/2025 - 4:52 PM - LAST SAVED BY:JCHAMBERS
Y:\23-108 TRI-CREEK SC - LOWELL MS 5-8
IMPROVEMENTS\23-108 DRAWINGS\09 ELEC\E-110A.DWG

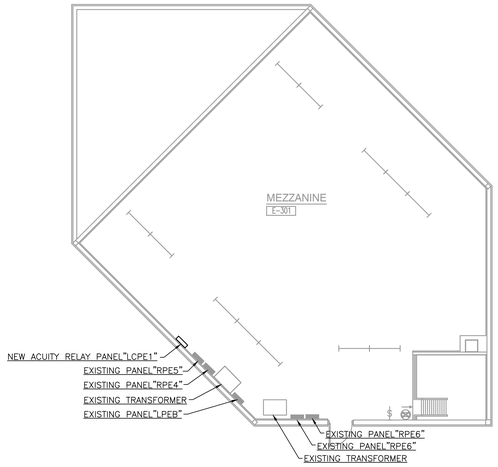
GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-601A.
2. SEE E-600 SHEETS FOR ELECTRICAL DETAILS AND SCHEDULES.

ELECTRICAL PLAN NOTES:

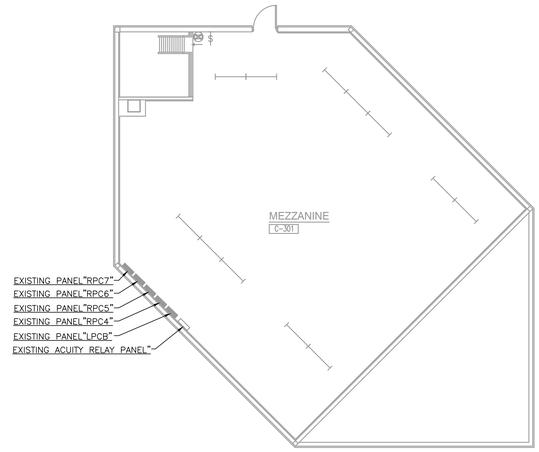
(THESE NOTES APPLY TO THIS SHEET ONLY)

(1) PROVIDE A NEW ACUITY BRAND OR APPROVED EQUAL LIGHTING CONTROL PANEL "LCPH1" TO SERVE THE NEW CORRIDOR LIGHTS, OCCUPANCY SENSORS AND ACUITY BRAND LIGHTING CONTROLLER. NEW LIGHTING CONTROL SHALL BE CAPABLE OF SERVING ALL OF THE LIGHTING CIRCUITS AS WELL AS SERVING SOME FUTURE CIRCUITS.



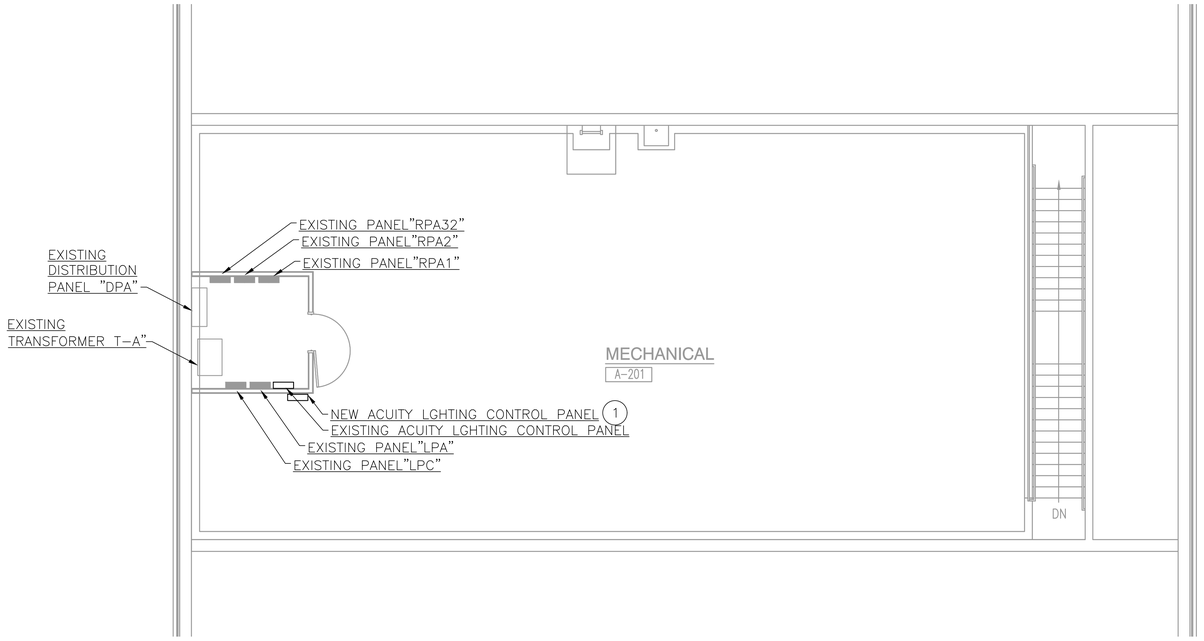
UNIT "E" MEZZANINE ELECTRICAL LIGHTING PLAN - ALTERNATE BID

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



UNIT "C" MEZZANINE ELECTRICAL LIGHTING PLAN - ALTERNATE BID

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



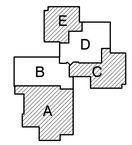
UNIT "A" MEZZANINE ELECTRICAL LIGHTING PLAN - ALTERNATE BID

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

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
- MIDDLE SCHOOL ALTERNATE

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA



KEY PLAN

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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
MEZZANINE ELECTRICAL LIGHTING PLANS - ALTERNATE BID

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
A,C,E E-111A

Friday, 4/25/2025 - 4:54 PM - LAST SAVED BY:JCHAMBERS
Y:\23-108 TRI-CREEK SC - LOWELL MS 5-8
IMPROVEMENTS\23-108 DRAWINGS\09 ELEC\E-111A.DWG

ELECTRICAL SYMBOL SCHEDULE

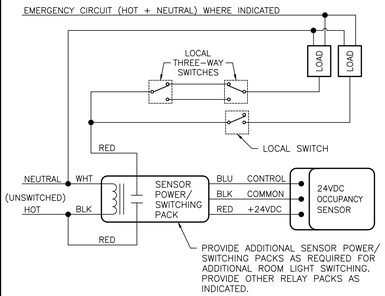
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
a F-3	FLUORESCENT LIGHT FIXTURE (F-3 INDICATES FIXTURE TYPE; "a" INDICATES SWITCHING)	$\$^{L}$	3 AMPERE RATED 25 VOLT SWITCH (LOW VOLTAGE SYSTEM)
a EF-3	FLUORESCENT LIGHT FIXTURE (EMERGENCY/WALK THRU/SECURITY) (F-3 INDICATES FIXTURE TYPE)	$\$^{D}$	WALL DIMMER
a K-3	INCANDESCENT/HIGH INTENSITY DISCHARGE LIGHT FIXTURE (K-3 INDICATES FIXTURE TYPE, "a" INDICATES SWITCHING)	$\$_{a}$	20 AMPERE RATED 120/277 VOLT SINGLE POLE SWITCH ("a" INDICATES LIGHT FIXTURE SWITCHING)
a K-3	INCANDESCENT/HIGH INTENSITY DISCHARGE WALL MOUNTED LIGHT FIXTURE (K-3 INDICATES FIXTURE TYPE, "a" INDICATED SWITCHING)	$\$^{2}$	20 AMPERE RATED 120/277 VOLT TWO POLE SWITCH
a K-3	INCANDESCENT/HIGH INTENSITY DISCHARGE LIGHT FIXTURE (EMERGENCY/WALK THRU/ SECURITY) (K-3 INDICATES FIXTURE TYPE)	$\$^{3}$	20 AMPERE RATED 120/277 VOLT THREE WAY SWITCH
K-2	EXIT SIGN – CEILING MOUNTED (BAR INDICATES FACE; K-2 INDICATES FIXTURE TYPE)	$\$^{4}$	20 AMPERE RATED 120/277 VOLT FOUR WAY SWITCH
K-2	EXIT SIGN – CEILING MOUNTED (ARROW INDICATES FACE WITH DIRECTIONAL ARROW; K-2 INDICATES FIXTURE TYPE)	$\$^{M}$	20 AMPERE RATED 120/277 VOLT MOMENTARY SWITCH
K-2	EXIT SIGN – WALL MOUNTED (BAR INDICATES FACE; K-2 INDICATES FIXTURE TYPE)	$\$^{K}$	KEY OPERATED SWITCH
K-2	EXIT SIGN – WALL MOUNTED (ARROW INDICATES FACE WITH DIRECTIONAL ARROW; K-2 INDICATES FIXTURE TYPE)	$\$^{P}$	SWITCH WITH PILOT LIGHT
K-1	POLE MOUNTED LIGHT FIXTURE (K-1 INDICATES FIXTURE TYPE)	$\$_{a}\$_{b}$	MULTIPLE SWITCHES GANGED IN MULTI-GANG BOX WITH SINGLE COVERPLATE
		$\$^{OS}$	OCCUPANCY SENSOR SWITCH
		$\$^{OS,D}$	OCCUPANCY SENSOR/DIMMER SWITCH
		a	OCCUPANCY SENSOR – WALL MOUNTED ("a" INDICATES SWITCH LEG(S) WIRED IN SERIES WITH OCCUPANCY SENSOR)
		a	OCCUPANCY SENSOR – CEILING MOUNTED ("a" INDICATES SWITCH LEG(S) WIRED IN SERIES WITH OCCUPANCY SENSOR)
		NL	NIGHT LIGHT
		ETR	EXSTING TO REMAIN

ELECTRICAL SYMBOL SCHEDULE NOTES:

1. NOT ALL SYMBOLS SHOWN ARE USED ON THIS PROJECT.
2. ON ELECTRICAL DEMOLITION SHEETS, DASHED SYMBOLS SHALL INDICATE EXISTING EQUIPMENT OR DEVICE TO BE REMOVED. EQUIPMENT AND DEVICES SHOWN IN SOLID LINES SHALL REMAIN UNLESS SPECIFICALLY OTHERWISE INDICATED.
3. SEE DETAILS ON E-600 SERIES DRAWINGS FOR ADDITIONAL INFORMATION FOR CONDUIT AND OUTLET BOX REQUIREMENTS.

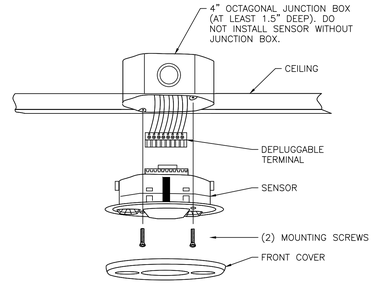
GENERAL ELECTRICAL PROJECT NOTES - APPLY TO ALL ELECTRICAL SHEETS:

1. ALL WORK INDICATED ON THE ELECTRICAL DRAWINGS IS NEW AND BY THIS CONTRACTOR UNLESS OTHERWISE INDICATED.
2. VERIFY ALL DIMENSIONS FROM ARCHITECTURAL PLANS.
3. DIMENSIONS SHOWN ON DEVICES, EQUIPMENT, ETC. SHALL BE TO THE TOP OF THE DEVICE, EQUIPMENT, ETC. ABOVE THE FINISHED FLOOR UNLESS OTHERWISE NOTED.
4. COORDINATE EXACT LOCATIONS OF LIGHTING FIXTURES, WIRING DEVICES, OUTLETS, ETC. WITH ARCHITECTURAL PLANS, SCHEDULES, ELEVATIONS, DETAILS AND APPROVED SUBMITTALS PRIOR TO ROUGH-IN AND ADJUST ACCORDINGLY.
5. FIELD VERIFY EXACT LOCATION OF LIGHTING FIXTURES, FIRE ALARM DEVICES, SECURITY SYSTEM DEVICES, ETC., IN ROOMS THAT CONTAIN EXPOSED DUCTWORK AND PIPING AND RELOCATE AS REQUIRED BY THE ARCHITECT.
6. WHERE OCCUPANCY SENSORS ARE INDICATED ON PLANS, THE ENTIRE ROOM SHALL BE COVERED. MANUFACTURER IS RESPONSIBLE FOR SENSOR LAYOUT. ADDITIONAL SENSORS REQUIRED FOR LACK OF COVERAGE SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. PROVIDE QUANTITY AS REQUIRED BUT NOT LESS THAN THE QUANTITY SHOWN ON THE DRAWINGS. CEILING AND WALL MOUNTED SENSORS SHALL BE DUAL TECHNOLOGY TYPE. SENSORS SHALL INCLUDE ALL POWER SUPPLIES AND RELAYS NECESSARY TO CONTROL THE LIGHT FIXTURES.
7. MINIMUM WIRE SIZE SHALL BE 12 AWG UNLESS OTHERWISE INDICATED. MINIMUM CONDUIT SIZE SHALL BE 3/4" UNLESS OTHERWISE INDICATED.
8. ALL CIRCUITS SHALL CONTAIN A GROUND WIRE.
9. EACH NEUTRAL WIRE SHALL BE DEDICATED TO A CIRCUIT. DO NOT SHARE NEUTRAL WIRING WITH MULTIPLE CIRCUITS.
10. PROVIDE #10 WIRING FOR ALL 120 VOLT, 20 AMP CIRCUITS EXCEEDING 75 FEET IN LENGTH AND FOR ALL 277V CIRCUITS EXCEEDING 175 FEET IN LENGTH UNLESS OTHERWISE NOTED WITH LARGER WIRING.
11. CUTTING, PATCHING, CORE DRILLING, AND PAINTING FOR ELECTRICAL WORK NOT INDICATED ON THE ARCHITECTURAL DRAWINGS SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR.
12. CONDUIT TO LIGHTS IS SHOWN TO INDICATE SWITCHING AND DOES NOT INDICATE QUANTITY OR EXACT LOCATION. OTHER CONDUIT SHOWN INDICATES CONNECTION, BUT DOES NOT INDICATE QUANTITY OR LOCATION.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING AND INSPECTING THE EXISTING SITE PRIOR TO BID AND BECOMING FAMILIAR WITH THE CONDITIONS AFFECTING THE WORK. VERIFY SIZE, LOCATION AND OTHER PARAMETERS OF THE EXISTING CONDITIONS. NO ADDITIONAL COSTS WILL BE PAID TO THE CONTRACTOR BECAUSE OF FAILURE TO OBTAIN INFORMATION ON EXISTING CONDITIONS. DEMOLITION WORK INDICATED IN THE SPECIFICATION AND ON THE DRAWINGS IS BASED ON CASUAL FIELD OBSERVATION AND EXISTING DRAWINGS WHEN AVAILABLE.
14. NOT ALL EQUIPMENT, DEVICES, RACEWAYS, WIRING, ETC. TO BE REMOVED ARE SHOWN. FIELD VERIFY ALL SUCH EQUIPMENT, DEVICES, RACEWAYS, WIRING, ETC. THAT ARE INDICATED TO BE REMOVED WHETHER OR NOT SHOWN ON THE DRAWINGS.
15. FOR ELECTRICAL EQUIPMENT AND DEVICES INDICATED TO BE REMOVED: DISCONNECT AND REMOVE THESE ITEMS INCLUDING ALL RACEWAY, WIRING, HANGERS, ETC. NO LONGER REQUIRED WITH NEW CONSTRUCTION UNLESS OTHERWISE NOTED.
16. MAINTAIN ELECTRICAL SYSTEMS THAT ARE TO REMAIN: INTERCEPT AND EXTEND OR REROUTE CIRCUITS, FEEDERS, CABLING, ETC. THAT SERVES EQUIPMENT THAT ARE ROUTED THROUGH STRUCTURES, WALLS, FLOORS, ETC. NOTED TO BE REMOVED OR CONNECTED TO EQUIPMENT OR DEVICES BEING REMOVED OR IN THE PATH OF NEW WORK BY ANY TRADE.
17. FOR ELECTRICAL EQUIPMENT AND DEVICES INDICATED TO BE RELOCATED OR REMOVED AND REINSTALLED: DISCONNECT AND REMOVE THESE ITEMS INCLUDING ALL RACEWAY, WIRING, HANGERS, ETC. NO LONGER REQUIRED WITH NEW CONSTRUCTION. CLEAN EQUIPMENT AND DEVICES. INSTALL IN NEW LOCATION INDICATED. INTERCEPT AND EXTEND OR REROUTE CIRCUITS, FEEDERS, CABLING, ETC. THAT SERVES THESE ITEMS TO THE RELOCATED EQUIPMENT OR DEVICE UNLESS OTHERWISE NOTED.
18. RELOCATED OR REMOVED AND REINSTALLED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE UNTIL ITEMS ARE READY TO BE REINSTALLED. IF ITEM IS DAMAGED, IT SHALL BE REPAIRED OR REPLACED WITH NEW ITEM AS APPROVED.
19. EXISTING RACEWAY AND BOXES NO LONGER REQUIRED WITH NEW CONSTRUCTION LOCATED IN WALLS, CEILINGS, FLOORS, ETC. THAT REMAIN SHALL BE ABANDONED, INFILLED WITH LIKE CONSTRUCTION FINISHES OF ADJACENT WHERE EXPOSED TO VIEW. REMOVE ALL ACCESSIBLE RACEWAY INCLUDING CONDUIT ABOVE ACCESSIBLE CEILINGS AND SURFACE BOXES.
20. REUSE OF EXISTING CONDUIT IN PLACE IS PERMITTED WHERE SUCH USE IS IN GOOD CONDITION AND ALLOWED BY THE NATIONAL ELECTRICAL CODE EXCEPT REUSING UNDERGROUND FEEDER CONDUITS IS NOT PERMITTED.
21. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL FOR ALL EXISTING EQUIPMENT AND MATERIAL BEING REMOVED.
22. CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REINSTALLING ALL CEILING PADS AND CEILING GRIDS AS NECESSARY TO COMPLETE ALL ELECTRICAL WORK.
37. WHEN RECONNECTING EXISTING LOADS TO NEW CIRCUITS, CONNECT A MAXIMUM OF 3000 WATTS TO A 277V LIGHTING CIRCUIT, 1200 WATTS TO A 120V LIGHTING CIRCUIT AND NO MORE THAN 5 GENERAL PURPOSE DUPLEX RECEPTACLES TO A 120V CIRCUIT.
38. CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING AND PATCHING OF CEILINGS AS NECESSARY TO COMPLETE ALL OF HIS WORK AND PROPERLY INSTALLING THE NEW LIGHTING FIXTURES. CONTRACTOR IS RESPONSIBLE FOR PAINTING AFFECTED SURFACE TO MATCH ADJACENT AREAS AND IF NECESSARY PAINT THE ENTIRE WALL/CEILING TO PROVIDE COHESIVE APPEARANCE.
39. FIXTURE TYPE NOTED IN ROOMS ARE TYPICAL FOR THE LIGHTING FIXTURES TO BE PROVIDED IN THAT ROOM UNLESS OTHERWISE NOTED.
40. WHERE MULTIPLE WALL SWITCHES IN A COMMON BOX ARE BEING REPLACED WITH A SINGLE WALL DIMMER OR OCCUPANCY SENSOR, CONTRACTOR SHALL PROVIDED THE APPROPRIATE COVER PLATE TO COVER UP THE OPENING.
41. WHERE MULTIPLE WALL SWITCHES IN A COMMON BOX ARE BEING REPLACED WITH A MULTIPLE WALL DIMMERS, CONTRACTOR SHALL PROVIDED THE APPROPRIATE COVER PLATE TO COVER UP THE OPENING.



TYPICAL OCCUPANCY SENSOR WIRING DIAGRAM

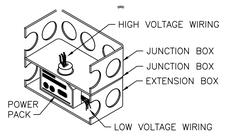
NOT TO SCALE



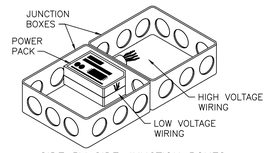
TYPICAL OCCUPANCY SENSOR MOUNTING DETAIL

NOT TO SCALE

NOTES:
DO NOT INSTALL POWER PACKS CLOSER THAN 6-12 INCHES FROM SENSOR.
DO NOT INSTALL POWER PACKS WITHOUT JUNCTION BOXES.



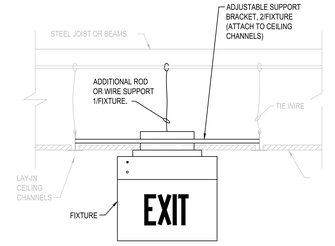
STACKED JUNCTION BOXES



SIDE BY SIDE JUNCTION BOXES

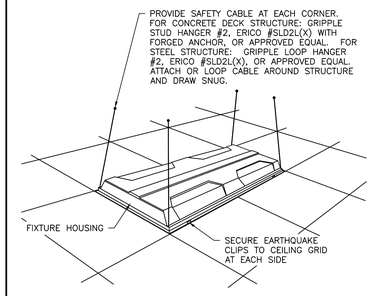
TYPICAL OCCUPANCY SENSOR POWER/SWITCHING AND RELAY PACK MOUNTING DETAIL

NOT TO SCALE



LAY-IN CEILING EXIT SIGN MOUNTING DETAIL

SCALE: NONE



NOT TO SCALE

ALTERNATE

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
- MIDDLE SCHOOL ALTERNATE

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA

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PROJECT 23-113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB/JVC
CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
ELECTRICAL SCHEDULES

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
E-601A

LOWELL MIDDLE SCHOOL LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURERS	VOLTAGE	LIGHT SOURCE	MINIMUM LUMENS	DEGREE K.	MAXIMUM WATTAGE	DIMMING	MOUNTING	DESCRIPTION
L-1	LITHONIA 2BLT4-60L-ADP-GZ1-LP840 METALUX SB24CZ-LD5-65-UNV-L840-CD1-EQ-CLIP COLUMBIA RLA24-40-VL-G-ED1-U DAYBRITE 2RGX-60L-840-RS-UNV-DIM1%	MVOLT	LED	6000 (6051/6221 /6000/ 7630)	4000	77 (46/52.2/ 60/77)	0-10V 1% DIMMING	GRID	2X4 RECESSED GRID MOUNTED VOLUMETRIC LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS AND MULTI-VOLT LED DIMMING DRIVER.
L-1E	LITHONIA 2BLT4-60L-ADP-GZ1-LP840-BGTD METALUX SB24CZ-LD5-65-UNV-L840-CD1-EQ-CLIP-GTD COLUMBIA RLA24-40-VL-G-ED1-U-GTD DAYBRITE 2FGXG-60L-840-4-RS-UNV-DIM1%-GTD	MVOLT	LED	6000 (6051/6221 /6000/ 7630)	4000	77 (46/52.2/ 60/77)	0-10V 1% DIMMING	GRID	2X4 RECESSED GRID MOUNTED VOLUMETRIC LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS, ACRYLIC LENS (0.125 MINIMUM THICKNESS), MULTI-VOLT LED DIMMING DRIVER AND INTEGRAL LEVITON ECD00-200 EMERGENCY GENERATOR TRANSFER DEVICE. CONNECT TO NORMAL POWER AND EMERGENCY POWER VIA THE TRANSFER DEVICE.
L-2	LITHONIA 2BLT4-48L-ADP-GZ1-LP840-PAF METALUX SB24CZ-LD5-50-UNV-L840-CD1-EQ-CLIP-PAF COLUMBIA RLA24-40ML-G-ED1-U-EQCLIP DAYBRITE 2FGXG-48L-840-4-RS-UNV-DIM1%	MVOLT	LED	4800 (4989/4976 /4800/ 4800)	4000	52 (38/36.8/38 /36)	0-10V 1% DIMMING	GRID	2X4 RECESSED GRID MOUNTED VOLUMETRIC LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS AND MULTI-VOLT LED DIMMING DRIVER.
L-2E	LITHONIA 2BLT4-48L-ADP-GZ1-LP840-PAF-BGTD METALUX SB24CZ-LD5-50-UNV-L840-CD1-EQ-CLIP-PAF-GTD COLUMBIA RLA24-40ML-G-ED1-U-EQCLIP-GTD DAYBRITE 2FGXG-48L-840-4-RS-UNV-DIM-GTD	MVOLT	LED	4800 (4989/4976 /4800/ 4800)	4000	52 (38/36.8/38 /36)	0-10V 1% DIMMING	GRID	2X4 RECESSED GRID MOUNTED VOLUMETRIC LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS, MULTI-VOLT LED DIMMING DRIVER AND INTEGRAL LEVITON ECD00-200 EMERGENCY GENERATOR TRANSFER DEVICE. CONNECT TO NORMAL POWER AND EMERGENCY POWER VIA THE TRANSFER DEVICE.
L-3	LITHONIA 2BLT4-40L-ADP-GZ1-LP840-PAF METALUX SB24CZ-LD5-45-UNV-L840-CD1-EQ-CLIP-U COLUMBIA RLA24-40LW-G-ED1-U-EQCLIP DAYBRITE 2FGXG-43L-840-4-RS-UNV-DIM1%	MVOLT	LED	4000 (4023/4541 /4000/ 4300)	4000	42 (31/35.3/ 42/37)	0-10V 1% DIMMING	GRID	2X4 RECESSED GRID MOUNTED VOLUMETRIC LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS AND MULTI-VOLT LED DIMMING DRIVER.
L-3E	LITHONIA 2BLT4-40L-ADP-GZ1-LP840-PAF-BGTD METALUX SB24CZ-LD5-45-UNV-L840-CD1-EQ-CLIP-U-GTD COLUMBIA RLA24-40LW-G-ED1-U-EQCLIP-GTD DAYBRITE 2FGXG-43L-840-4-RS-UNV-DIM1%-GTD	MVOLT	LED	4000 (4023/4541 /4000/ 4300)	4000	42 (31/35.3/ 42/37)	0-10V 1% DIMMING	GRID	2X4 RECESSED GRID MOUNTED VOLUMETRIC LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS, MULTI-VOLT LED DIMMING DRIVER AND INTEGRAL LEVITON ECD00-200 EMERGENCY GENERATOR TRANSFER DEVICE. CONNECT TO NORMAL POWER AND EMERGENCY POWER VIA THE TRANSFER DEVICE.
L-4	METALUX 24CZ-LD5-40S-UNV-L840-CD1-EQ-CLIP-PAF DAYBRITE 2FGXG-40L-840-RS-UNV-DIM LITHONIA 2BLTBA4-40L-ADP-EZ1-LP840-EQCLIP-PAF COLUMBIA RLA24-40-LW-G-ED1-U	MVOLT	LED	4000 (4124/ 4000/4023/ 4340)	4000	29/31/ 31/42	0-10V 1% DIMMING	GRID	2X4 RECESSED GRID MOUNTED VOLUMETRIC LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS AND MULTI-VOLT LED DIMMING DRIVER. FIXTURE SHALL BE PROVIDED WITH BOTTOM ACCESS.
L-4E	METALUX SB24CZ-LD5-40S-UNV-L840-CD1-EQ-CLIP-PAF-GTD DAYBRITE 2FGXG-40L-840-RS-UNV-DIM-GTD/E LITHONIA 2BLTBA4-40L-ADP-EZ1-LP840-EQCLIP-PAF-GTD COLUMBIA RLA24-40-LW-G-ED1-U-GTD	MVOLT	LED	4000 (4124/ 4000/4023/ 4340)	4000	29/31/ 31/42	0-10V 1% DIMMING	GRID	2X4 RECESSED GRID MOUNTED DIRECT/INDIRECT LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS, ACRYLIC LENS (0.125 MINIMUM THICKNESS), MULTI-VOLT LED DIMMING DRIVER AND INTEGRAL LEVITON ECD00-200 EMERGENCY GENERATOR TRANSFER DEVICE. CONNECT TO NORMAL POWER AND EMERGENCY POWER VIA THE TRANSFER DEVICE. FIXTURE SHALL BE PROVIDED WITH BOTTOM ACCESS.
L-5	LITHONIA ZL1D-L48-5000LM-FST-MVOLT-40K-80CRI METALUX 4SNLED-LD5-47SL-LW-UNV-L840-CD1-U COLUMBIA MPS4-40HL-CW-ED-U	120/277	LED	4800 (5541/4892 /5833)	4000	50 (41/41/ 49.5)	NONE	PENDANT	4' PENDANT MOUNTED INDUSTRIAL LIGHTING FIXTURE WITH LENSED AND WIDE DISTRIBUTION
L-5E	METALUX 4SNLED-LD5-47SL-LW-UNV-L840-CD1-U -GTD LITHONIA ZL1D-L48-5000LM-FST-MVOLT-40K-80CRI-GTD COLUMBIA LCL4-40HL-EDU-CSHC-GTD	120/277	LED	4800 (5541/4892 /5833)	4000	50 (41/41/ 49.5)	NONE	PENDANT	4' PENDANT MOUNTED INDUSTRIAL LIGHTING FIXTURE WITH LENSED, WIDE DISTRIBUTION AND INTEGRAL LEVITON ECD00-200 EMERGENCY GENERATOR TRANSFER DEVICE. CONNECT TO NORMAL POWER AND EMERGENCY POWER VIA THE TRANSFER DEVICE.
L-6	LITHONIA BLT4-40L-ADP-GZ1-LP840 METALUX SB14CZ-LD5-44-UNV-L840-CD1-EQCLIP COLUMBIA RLA14-40-ML-G-ED1-U DAYBRITE 1FGXG40LB40-4-RS-UNV-DIM1%	MVOLT	LED	4000 (4120/4542 /5080/ 4200)	4000	39 (32/34.6/48 /29.9)	0-10V 1% DIMMING	GRID	1X4 RECESSED GRID MOUNTED VOLUMETRIC LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS AND MULTI-VOLT LED DIMMING DRIVER.
L-6E	LITHONIA BLT4-40L-ADP-GZ1-LP840-BGTD METALUX SB14CZ-LD5-44-UNV-L840-CD1-EQCLIP-GTR2 COLUMBIA RLA14-40-ML-G-ED1-U-GTD DAYBRITE 1FGXG40LB40-4-RS-UNV-DIM1%-GTD	120/277	LED	4000 (4120/4542 /5080/ 4200)	4000	39 (32/34.6/48 /29.9)	0-10V 1% DIMMING	GRID	1X4 RECESSED GRID MOUNTED VOLUMETRIC LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS, MULTI-VOLT LED DIMMING DRIVER AND INTEGRAL/EXTERNAL LEVITON ECD00-200 EMERGENCY GENERATOR TRANSFER DEVICE. CONNECT TO NORMAL POWER AND EMERGENCY POWER VIA THE TRANSFER DEVICE.
L-7	LITHONIA IBE-L48-18000LM-ATC-MD-MVOLT-GZ10-40K-80CRI-WGIBE METALUX LHB-18-UNV-L840-CD-LHB-WG23 COLUMBIA PELA-840-L24-B-EDU-PM-WG DAYBRITE FBY24L840-UNV-LFA-FBY-WG	120/277	LED	18000 (18052/ 18500/ 22420/ 22055)	4000	136/132/ 161/176	NONE	GRID	4' PENDANT MOUNTED INDUSTRIAL HIGH BAY LIGHTING FIXTURE WITH LENS (WIDE DISTRIBUTION) AND WIRE GUARD.
L-7E	LITHONIA IBE-L48-18000LM-ATC-MD-MVOLT-GZ10-40K-80CRI-WGIBE-GTD METALUX LHB-18-UNV-L840-CD-LHB-WG23-GTD COLUMBIA PELA-840-L24-B-EDU-PM-WG-GTD DAYBRITE FBY24L840-UNV-LFA-FBY-WG-GTD	120/277	LED	18000 (18052/ 18500/ 22420/ 22055)	4000	136/132/ 161/176	NONE	GRID	4' PENDANT MOUNTED INDUSTRIAL HIGH BAY LIGHTING FIXTURE WITH LENS (WIDE DISTRIBUTION), WIRE GUARD AND INTEGRAL LEVITON ECD00-200 EMERGENCY GENERATOR TRANSFER DEVICE. CONNECT TO NORMAL POWER AND EMERGENCY POWER VIA THE TRANSFER DEVICE.
L-8E	LITHONIA LDN6-40/30-L06AR-LSS-MVOLT-EZ10-ELRSD HALO PD6-30-D010-PDM6A-840-61V-C-EM LIGHTOLIER 6RNEM6-Z6RDL30940WOCDDZ-10U PRESCOLITE LTR-H-ML-30L-DM1-LTR-6RD-T-ML-40K8-MD-SSEMST-B24	MVOLT	LED	3000 (2963/ 3033.9/ 3182/2993)	4000	42 (36.4/34.69 /31.2/ 41.50	0-10V 1% DIMMING	RECESSED	6" ROUND RECESSED MOUNTED DOWNLIGHT WITH CLEAR ALZAK REFLECTOR, MULTI-VOLT LED DRIVER AND INTEGRAL COLD WEATHER EMERGENCY BATTERY UNIT WITH SELF DIAGNOSTIC FEATURE. UL LISTED FOR DAMP LOCATIONS.
L-9	LITHONIA WST-LED-P2-40K-VW-CBA GARDCO 121-32L-700-CW-G4-3-UNV-CBA MCGRAW EDISON IST-SA1E-740-U-T3-CBA BEACON TRP2-36L-55-4K7-3-UNV-CBA	120/277	LED	3500 (3512/7069 /8568/ 7694)	4000	25/58.2/70 /63.1	NONE	WALL	WALL MOUNTED OUTDOOR WEATHERPROOF TRAPEZOID CUTOFF TYPE LIGHTING FIXTURE WITH LED LAMPS, LED DRIVER. UL LISTED FOR WET LOCATIONS. COLOR TO BE SELECTED BY THE ARCHITECT.
L-9E	LITHONIA WST-LED-P2-40K-VW-CBA-E20WC MCGRAW EDISON IST-SA1E-740-U-T3-CBP-CBA GARDCO 121-32L-700-NW-G4-3-UNV-CBA-EBPC BEACON TRP2-D50-4K7-WT-UNV-CBA-EM	120/277	LED	3500 (3512/7069 /8568/ 7694)	4000	25/58.2/70 /63.1	NONE	WALL	WALL MOUNTED OUTDOOR WEATHERPROOF TRAPEZOID CUTOFF TYPE LIGHTING FIXTURE WITH LED LAMPS, LED DRIVER AND COLD WEATHER EMERGENCY BATTERY PACK. UL LISTED FOR WET LOCATIONS. COLOR TO BE SELECTED BY THE ARCHITECT.
L-10	LITHONIA BLTX4-48L-ADP-GZ1-LP840 METALUX 14CZ2-50-UNV-L840-CD1-U	MVOLT	LED	5000 (5261/ 5049)	4000	46 (46/39.6)	0-10V 1% DIMMING	PENDANT	1X4 PENDANT MOUNTED LED LIGHTING FIXTURE WITH MULTI-VOLT DIMMING DRIVER.
L-10E	LITHONIA BLTX4-48L-ADP-GZ1-LP840-GTD METALUX 14CZ2-50-UNV-L840-CD1-U-GTD	MVOLT	LED	5000 (5261/ 5049)	4000	46 (46/39.6)	0-10V 1% DIMMING	PENDANT	1X4 PENDANT MOUNTED LED LIGHTING FIXTURE WITH MULTI-VOLT DIMMING DRIVER AND INTEGRAL LEVITON ECD00-200 EMERGENCY GENERATOR TRANSFER DEVICE. CONNECT TO NORMAL POWER AND EMERGENCY POWER VIA THE TRANSFER DEVICE.
L-11	LITHONIA LDN6-40/30-L06AR-LSS-TWR-MVOLT-EZ1 HALO HC6-30-D010-HM6-3040-840-940-61MDC PRESCOLITE LTR-H-ML-30L-DM1-LTR-6RD-T-ML-40K8-MD-SS	MVOLT	LED	2900 (3021/2963 /3034)	4000	34.8/36.40/ 41.50	0-10V 1% DIMMING	RECESSED	6" ROUND RECESSED MOUNTED DOWNLIGHT WITH CLEAR ALZAK REFLECTOR AND MULTI-VOLT LED DRIVER. UL LISTED FOR WET LOCATIONS. (SHOWER)
L-12	LITHONIA LDN6-40/30-L06AR-LSS-TWR-MVOLT-GZ1 HALO HC6-30-D010-HM6-3040-840-940-61MDC PRESCOLITE LTR-H-ML-30L-DM1-LTR-6RD-T-ML-40K8-MD-SS	MVOLT	LED	2900 (2993/2963 /3034)	4000	34.8/36.40/ 41.50	0-10V 1% DIMMING	RECESSED	6" ROUND RECESSED MOUNTED DOWNLIGHT WITH CLEAR ALZAK REFLECTOR AND MULTI-VOLT LED DRIVER.
L-13	LITHONIA GTL-4-33L-A12125-GZ1-LP840-PAF METALUX 14GR-LD5-32-A125-UNV-L840-CD1-PAF-EQ-CLIP-U COLUMBIA LJT14-40MWG-FSA12125-EU-PAF-EQCLIP	120/277	LED	3000 (3300/3257 / 3484)	4000	31 (31/29.8/ 31)	NONE	FLANGED	1X4 RECESSED FLANGE MOUNTED LED LENS TROFFER TYPE LIGHTING FIXTURE WITH ACRYLIC LENS (0.125 MINIMUM THICKNESS) AND MULTI-VOLT LED DRIVER.
L-13E	LITHONIA GTL-4-33L-F-A12125-GZ1-LP840-PAF-BGTD METALUX 14FR-LD5-32-A125-UNV-L840-CD1-PAF-EQ-CLIP-U-GTD COLUMBIA LJT14-40MWG-FSA12125-EU-PAF-GTD	120/277	LED	3000 (3300/3257 / 3484)	4000	31 (31/29.8/ 31)	NONE	FLANGED	1X4 RECESSED FLANGE MOUNTED LED LENS TROFFER TYPE LIGHTING FIXTURE WITH ACRYLIC LENS (0.125 MINIMUM THICKNESS), MULTI-VOLT LED DRIVER AND INTEGRAL LEVITON ECD00-200 EMERGENCY GENERATOR TRANSFER DEVICE. CONNECT TO NORMAL POWER AND EMERGENCY POWER VIA THE TRANSFER DEVICE.
X1	SURE-LITES CX61R EMERGI-LITE BAPXN-1R LITHONIA LES-1R DUAL LITE SESR-BN	120/277	LED			1	NONE	SURFACE	SURFACE MOUNTED DIE CAST ALUMINUM EXIT SIGN WITH SINGLE BRUSHED ALUMINUM STENCIL FACE WITH RED LETTERS (ARROWS AS INDICATED ON DRAWINGS).
X2	SURE-LITES CX61R EMERGI-LITE BAPXN-2R LITHONIA LES2R DUAL LITE SEDR-BN	120/277	LED			1	NONE	SURFACE	SURFACE MOUNTED DIE CAST ALUMINUM EXIT SIGN WITH DOUBLE BRUSHED ALUMINUM STENCIL FACE WITH RED LETTERS (ARROWS AS INDICATED ON DRAWINGS), NI-CAD BATTERY AND SELF DIAGNOSTIC FEATURE.

ALTERNATE

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025
- MIDDLE SCHOOL ALTERNATE

TRI-CREEK SCHOOL CORPORATION
LOWELL, INDIANA

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PROJECT 23—113
DATE 04/11/25
COORDINATED BY PCB
DRAWN BY PCB/JVC
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	04/25/25	ADDENDUM NO. 01

DRAWING
ELECTRICAL SCHEDULES

PROJECT
LOWELL HIGH SCHOOL IMPROVEMENTS 2025

SHEET
E-602A

Friday, 4/25/2025 — 4:52 PM — LAST SAVED BY:JCHAMBERS
Y:\23-108 TRI-CREEK SC — LOWELL MS 5-8
IMPROVEMENTS\23-108 DRAWINGS\09 ELEC\E-602A.DWG