

ADDENDUM NO. 3

September 28, 2026

PORTER TOWNSHIP ADMINISTRATION BUILDING
Valparaiso, IN 46341

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 August 25, 2026 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 3-1 through 3-3 and attached Addendum No. 3 from Gibraltar Design, Inc. dated September 25, 2026 and consisting of added Specification Section 08 91 00 - Aluminum Wall Louvers, 3 pages, and 3 drawings.

A. SPECIFICATION SECTION 00 00 20 - TABLE OF CONTENTS

1. ADD:

Specification Section 08 91 00 - Aluminum Wall Louvers

B. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

Under 3.03 Bid Categories

A. BID CATEGORY NO. 1 - SITEWORK/GENERAL TRADES

1. ADD:

Specification Section 07 42 64 - Aluminum Panel Soffit

2. MODIFY:

Clarification No. 19:

Regarding Specification Section 06 10 00 Rough Carpentry; the **Bid Category No. 2 Contractor** is responsible to provide all wood blocking, sheathing, or backing within and/or attached to metal stud framing and metal stud wall assemblies. The **Bid Category No. 1 Contractor** is responsible for all other rough carpentry.

3. ADD:

Clarification No. 24:

The **Bid Category No. 2 Contractor** shall coordinate closely with the **Bid Category No. 1 Contractor** and the pre-engineered metal building manufacturer/engineer for metal stud bracing methods and requirements to the metal building.

B. BID CATEGORY NO. 2 - METAL STUDS/DRYWALL/PAINTING

1. **DELETE:**

Specification Section 07 42 64 - Aluminum Panel Soffit

2. **MODIFY:**

Clarification No. 5:

Regarding Specification Section 06 10 00 Rough Carpentry; the **Bid Category No. 2 Contractor** is responsible to provide all wood blocking, sheathing, or backing within and/or attached to metal stud framing and metal stud wall assemblies. The **Bid Category No. 1 Contractor** is responsible for all other rough carpentry.

3. **ADD:**

Clarification No. 7:

The **Bid Category No. 2 Contractor** shall coordinate closely with the **Bid Category No. 1 Contractor** and the pre-engineered metal building manufacturer/engineer for metal stud bracing methods and requirements to the metal building.

D. BID CATEGORY NO. 4 - PLUMBING/HVAC

1. **ADD:**

Specification Section 08 91 00 - Aluminum Wall Louvers

2. **ADD:**

Clarification No. 6:

Regarding Note 1 of the Mechanical Equipment Schedule sheet M-501, DELETE the Vibration Isolation Curb. Refer to detail 2 on sheet M-101/M-102 for concrete equipment pad for RT-1.

ADDENDUM THREE

Addendum Three (AD.03) to the drawings and specifications prepared by Gibraltar Design for **Porter Township Administration Building** for Porter Township School Corporation, Valparaiso, 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 Addendum #1, Addendum #2, and this Addendum and include the appropriate content of same within their bid proposal.

CLARIFICATIONS

1. Can we get confirmation on the height of the blades? On the specs it says 1" x 2 1/4", 4 slats per panel and on the finish schedule it says 12" X custom height X 2 3/4". I just want to be sure that we are covering the custom element if needed. I would also like to note that for the wall slat heights over 2 1/4" are not recommended.
A. The wood slats/blades are 2 1/4" depth. The entire panel, including the backer, is 2 3/4" depth. Refer to details on sheet A-820.
2. Miscellaneous RFI Submissions
A. Refer to attached RFI Submission Form for clarifications.

SPECIFICATIONS

3. **Specification Section 00 01 10** **Table of Contents**
A. Revise Division 8, Table of Contents, add Specification Section 08 91 00, Aluminum Wall Louvers.
4. **Specification Section 07 46 00** **Siding – Engineered Wood**
A. Add new Paragraph 2.2.C. as follows:
“C. Key Box: Provide recessed locked box for use by the local fire department.
a. Series 3200 Knox-Vault as manufactured by Knox Company, Phoenix, Arizona; verify type of box and location with local fire chief and Architect.”
5. **Specification Section 08 91 00** **Aluminum Wall Louvers**
A. Add new Specification Section 08 91 00, Aluminum Wall Louvers, included in this addendum.
6. **Specification Section 09 50 00** **Wood Wall Panel and Ceiling System**
A. Add new Paragraph 2.1.A.1.a. as follows: “a. Class A Rating: Manufacture is to include factory applied flame stop coating on wood panel system.”
B. Add new Paragraph 2.1.A.2. as follows (adjust sequence number accordingly): “2. 9Wood, Springfield, Oregon, Model 1100 Cross Piece Grille.” As an acceptable

manufacturer.

7. Specification Section 27 41 10

Room Media Systems

A. Add new Paragraph 2.05 as follows:

1. Network switch.

- a. Provide one (1) managed gigabit Ethernet switch dedicated to the media systems, rack mounted, one (1) rack unit.
- b. Minimum sixteen (16) 10/100/1000BASE-T ports, with a minimum of two (2) uplink ports.
- c. Power over Ethernet: IEEE 802.3af and 802.3at compliant on all copper ports, with a minimum total power budget of 120 watts. Verify the power class of all connected devices and increase the power budget as required.
- d. Switch shall support 802.1Q VLANs, IGMP snooping with querier, DSCP quality of service preservation, and Precision Time Protocol pass-through as required by the networked audio system.
- e. Configure a dedicated media systems VLAN. Configure quality of service, IGMP snooping, and multicast handling in accordance with the networked audio manufacturer design guide.
- f. Provide one (1) uplink connection to the Owner network for remote support and streaming. Coordinate addressing, uplink port, and network policy with the Owner prior to rough-in.
- g. Provide all patch cords, rack mounting hardware, and cable management required for a complete installation.

DRAWINGS

8. Sheet A-101, A-102

A. Revise window types and section callout BREAKROOM A126 as follows:

1. Revise window types for the two exterior windows at BREAKROOM A126 from "W3" to "W2".
2. Revise section callout through BREAKROOM A126 window from "3/A-410" to "5/A-410".

9. Sheet A-130

A. Revise the following note on Detail 12/A-130 CORNER TRIM DETAIL:

1. "NOMINAL 1X8 LAP SIDING WITH 6" EXPOSURE ON AIR/VAPOR BARRIER ON 3 1/8" STRUCTURAL SHEATHING." to read "NOMINAL 1X8 LAP SIDING WITH 6" EXPOSURE ON AIR/VAPOR BARRIER ON 3 1/8" STRUCTURAL INSULATED SHEATHING."

10. Sheet A-410

A. Revise the following notes on Detail 1/A-410 TYPICAL EXTERIOR METAL STUD WALL CONSTRUCTION DETAIL.

1. Revise the following note: "AIR/VAPOR BARRIER AT RIGID INSULATION." to read "AIR/VAPOR BARRIER AT RIGID INSULATION OVERLAP TERMINATION BAR."
2. Revise the following note: "10" CONCRETE BLOCK – GROUT SOLID DOWN TO FOOTING." to read "CMU OR CONCRETE FOUNDATION WALL REFER TO

STRUCTURAL."

3. Revise the following note: "TRENCH FOOTING OR GRADE BEAM, REFER TO STRUCTURAL." to read "TRENCH FOOTING OR GRADE BEAM, REFER TO STRUCTURAL. BOTTOM OF FOOTING BELOW FROST DEPTH."

11. Sheet A-620

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
 1. Revised W3 window elevation.

12. Sheet A-820

- A. Revise the following columns for LVTb:
 1. PATTERN/FINISH: COLOR ANCHOR, PRISMA
 2. NUMBER/COLOR: MISTY MOUNTAIN C261
 3. SIZE: 6" X 36"
 4. COMMENTS: INSTALL: STAGGERED

13. Sheet EL101

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
 1. Added fixture ER1.
 2. Revised ER1 fixture locations.

14. Sheet E602

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
 1. Revised EF1, PB1_3', and ER1 fixture specifications.

Pages 1 through 3, inclusive, One (1) RFI Submission Form, One (1) Specification Section, and Three (3) Full-Size Drawings, constitute the total makeup of **Addendum Three**.



Y:\26-119 Porter Township SC - New Admin Center\Specs\AD03\AD03.doc

RFI Submission Form		
Project Name	Submission Date	Submission by: Name// Contact Number & Email
Porter Township Administration Building	09/18/2026	Dylan Lusinski - dylan@advancedcom.biz
Project Subject: Division 27 Audiovisual/Room Media System (Board Room) - Equipment Quantities, Discontinued Product, and Network Infrastructure Clarification		
Section/ Drawing	Summary Info	Formal Description of RFI Submission
Drawing T-101 (Technology First Floor Plan - Scope B), Board Room A101 Spec Section 27 41 10, Pg. 27 41 10-3, Para. 1.04.B.1 Spec Section 27 41 10, Pg. 27 41 10-5, Para. 2.03.A.1	Projector/Screen Quantity Discrepancy	Drawing T-101 (Board Room A101) shows two (2) separate "PROJECTOR SCREEN, REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION" callouts/locations. Specification Section 27 41 10, Para. 1.04.B.1 describes a single "ceiling mounted front projection system with motorized projection screen" and Para. 2.03.A.1 states to "Provide one (1)" motorized projection screen. Please clarify the expected quantity of projectors and screens to be provided, and confirm the desired location(s) of the screen(s) in the Board Room. PROVIDE (2) MOTORIZED PROJECTOR SCREENS. REFER TO ADDENDUM #2 FOR ADDITIONAL INFORMATION AND LOCATIONS.
Spec Section 27 41 10, Pg. 27 41 10-5, Para. 2.03.A.2 Drawing T-101 (Technology First Floor Plan - Scope B), Board Room A101	Projection Screen Size Not Indicated	Specification Para. 2.03.A.2 states "Screen size and mounting location as indicated on Drawings," however no screen size or dimension is indicated on Drawing T-101 or elsewhere in the Contract Documents. Please clarify the anticipated screen size for the new projection screen(s). PROVIDE (1) 94" DIAGONAL AND (1) 130" DIAGONAL MOTORIZED PROJECTOR SCREENS. REFER TO ADDENDUM #2 FOR ADDITIONAL INFORMATION AND LOCATIONS.
Spec Section 27 41 10, Pg. 27 41 10-3, Para. 1.04.B.1 Spec Section 27 41 10, Pg. 27 41 10-5, Para. 2.04.A Drawing T-101 (Technology First Floor Plan - Scope B), Board Room A101	Flat Panel Display Quantity/Location Discrepancy	Specification Para. 1.04.B.1 and Para. 2.04.A call for "two (2) flat panel displays located on the side wall of the Board Room," Owner furnished/Owner installed, with rough-in, power, signal cabling and receivers by the Contractor. Drawing T-101 shows only one (1) flat panel display location in the Board Room A101 side wall area. Please advise the expected display quantity and confirm the location(s) of all displays so that rough-in, HDBaseT devices, and cabling requirements can be properly bid. PROVIDE ROUGH-IN , POWER AND CABLING AT THE (1) SIDE ROOM FLAT PANEL DISPLAY LOCATION.

Spec Section 27 41 10, Pg. 27 41 10-7, Para. 2.05.C.5.d	Specified Audio Input Plate (Extron AAP 101) Discontinued	The audio input plate specified in Para. 2.05.C.5.d, Extron AAP 101, has been discontinued by the manufacturer. Please advise how the Contractor is to proceed. Please provide a specific replacement/equal part number. PROVIDE EXTRON MP 101 SERIES
Spec Section 27 41 10, Pg. 27 41 10-3, Para. 1.04.D.1 & 1.04.E.1 Spec Section 27 41 10, Pg. 27 41 10-6 & 27 41 10-7, Para. 2.05.C.4.b & 2.05.C.6.b Spec Section 27 41 10, Part 2.00 - Products (no switch listed)	Dedicated AV Network Switch Not Specified	The Audiovisual System described throughout Section 27 41 10 requires a dedicated, PoE-capable AV network to support the networked devices. No dedicated AV network switch is called out or scheduled anywhere in Part 2 - Products of this Section, and no manufacturer/part number is provided. Please advise how the Contractor is to proceed. PROVIDE AV NETWORK SWITCH PER SPECIFICATIONS ADDED IN ADDENDUM #3.
Drawing T-101 (Technology First Floor Plan - Scope B) Drawing T-001 (Technology Notes, Symbols & Abbreviations - IT Rack Layout Detail) Spec Section 27 41 10, Pg. 27 41 10-6 & 27 41 10-7, Para. 2.05.C.5	No AV System One-Line/Block Diagram Provided	Specification Para. 2.05.C.5 describes a video switching and distribution system in addition to the sound reinforcement, wireless microphone, control, and camera systems described in Part 1 and Part 2 of this Section. The Drawings (T-101, T-001) do not include a one-line/system block diagram showing these devices, their interconnection, or signal flow - only the IT Rack Layout Detail on T-001, which addresses general data/network racks and does not address the Board Room AV system interconnectivity. Please provide a complete one-line/block diagram for the Board Room Audiovisual System clearly identifying all required devices and their interconnections, so that all bidders may take off a complete and consistent scope of work. REFER TO DRAWINGS AND SPECIFICATIONS FOR REQUIRED EQUIPMENT, DEVICES AND CABLING INTERCONNECTIONS.

SECTION 08 91 00

ALUMINUM WALL LOUVERS

1 General

1.1 Section Includes

- A. Louvers and frames.
- B. Bird screening.
- C. Blank out sheeting.

1.2 Related Sections

- A. Section 04 20 00 - Unit Masonry: Prepared exterior wall openings.
- B. Section 07 90 00 - Joint Sealants.
- C. Section 13 34 19 - Metal Building Systems – Factory Insulated Wall Panels: Louvers in exterior wall cladding.
- D. Section 23 31 00 - Ductwork: Ductwork attachment to louver.

1.3 References

- A. AA - Designation System for Aluminum Finishes.
- B. ASTM B209 - Aluminum and Aluminum-Alloy Sheet and Plate.
- C. ASTM B221 - Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Shapes, and Tubes.

1.4 System Performance

- A. Installed louver to permit passage of indicated air volume at 0 water penetration at 1250 feet per minute free area velocity, without blade vibration or noise, with maximum static pressure loss of 0.15 inch WG measured at 1250 feet per minute.
- B. Installed louver to permit passage of indicated air volume at 0 water penetration at 1000 feet per minute free area velocity, without blade vibration or noise, with maximum static pressure loss of 0.15 inch WG measured at 1000 feet per minute.

1.5 Submittals

- A. Provide product data on preassembled louvers describing design characteristics, maximum recommended air velocity, free area, materials, and finishes.

- B. Indicate elevations, dimensions, and tolerances; head, jamb, and sill details; blade configuration; screening; and frames.

1.6 Coordination

- A. Coordinate work of this Section with installation of masonry flashings and metal siding.
- B. Coordinate work of this Section with mechanical ductwork.

1.7 Warranty

- A. Furnish a five (5) year warranty from the manufacturer and from the installation contractor against leakage, rattling, and whistling.

2 Products

2.1 Aluminum Wall Louvers - Acceptable Manufacturers

- A. Airolite Company, Marietta, Ohio (AI).
- B. Construction Specialties (CS Group), Cranford, New Jersey (CS).
- C. Industrial Louvers, Inc., Delano, Minnesota (I).
- D. Louvers & Dampers, Inc., Florence, Kentucky (LD).
- E. Greenheck, Schofield, Wisconsin (G).
- F. Ruskin Manufacturing Company, Grandview, Missouri (R).

2.2 Materials

- A. Aluminum: ASTM B221, 6063 alloy, T5 temper, extruded shape; ASTM B209, 3003 alloy, H14 temper, sheet.
- B. Fasteners and Anchors: Stainless steel type.
- C. Finish: AA - M12C22A41, clear anodized.

2.3 Accessories

- A. Bird Screen: Interwoven wire mesh of aluminum, 0.063 inch diameter wire, 1/2 inch open weave, square design.
- B. Clip Angles: 1-1/2 inch by 1-1/2 inch aluminum angle, by 2 inches long, minimum two per side.
- C. Perimeter Angle: 3/4 inch by 3/4 inch by 1/8 inch aluminum angle at exterior perimeter.

2.4 Fabrication

- A. Wall Louvers and Penthouses:
 - 1. Louver Size: As indicated.

2. Louver Blade: Sloped at 35 degrees, minimum; drainable; minimum material thickness of 0.081 inch.
3. Louver Frame: Channel shape, drainable jambs, welded corner joints, material thickness of 0.081 inch.
4. Mullions: Concealed (if possible), aluminum, profiled to suit louver frame.
5. Sill: Material thickness of 0.063 inch; extend 1/2 inch beyond wall line; closed ends.
6. Screens: Install screen mesh in channel shaped frame with reinforced corner construction; screw to interior face of louver frame and to exterior face of penthouse frame.

2.5 Wall Louvers - 6 Inches Thick, High Performance

- A. Type K6776 (AI).
- B. Model A6177 (CS).
- C. Model 653-XP (I).
- D. Model IEL-67 (LD).
- E. Model ESD-603 (G).
- F. Type ELF 6350DMP (R).

3 Execution

3.1 Inspection

- A. Verify that prepared openings and flashings are ready to receive work and opening dimensions are as indicated on shop drawings.
- B. Beginning of installation means acceptance of existing conditions.

3.2 Installation

- A. Install louver and penthouse assembly in accordance with manufacturer's instructions.
- B. Install louvers level and plumb.
- C. Secure louvers in opening framing with concealed fasteners.
 1. Make wall louvers removable where indicated.
- D. Align louver assembly to ensure moisture is shed from flashings and diversion of moisture to exterior.
- E. Install bird screening to louver. Make exterior screens removable.

3.3 Cleaning

- A. Clean surfaces and components.

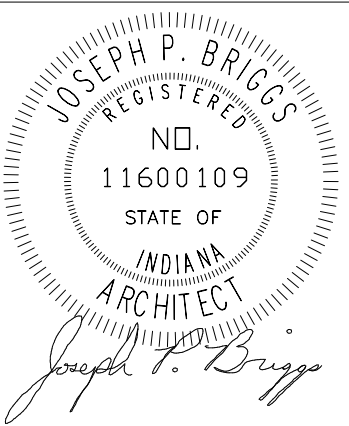
END OF SECTION

PROJECT:
PORTER TOWNSHIP ADMINISTRATION BUILDING

PORTER TOWNSHIP SCHOOL CORPORATION
260 S 500 W
VALPARAISO, IN 46385

100% CONSTRUCTION DOCUMENTS
GIBRALTAR DESIGN
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Indianapolis, IN 46256
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Phone 317.580.5777

PROJECT 26-119
DATE 08/25/2026
COORDINATED BY CLS
DRAWN BY CJA, JFK
CHECKED BY JPB



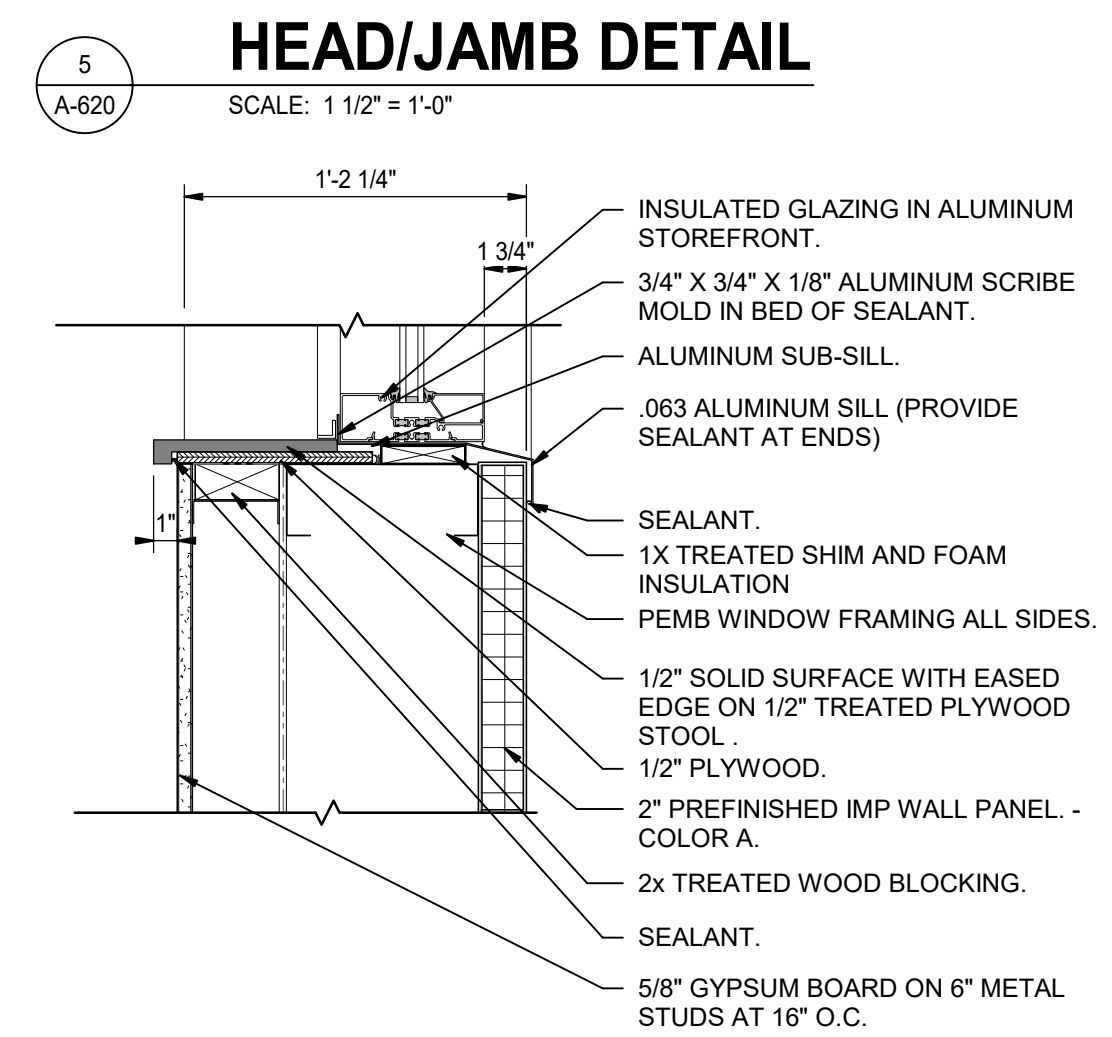
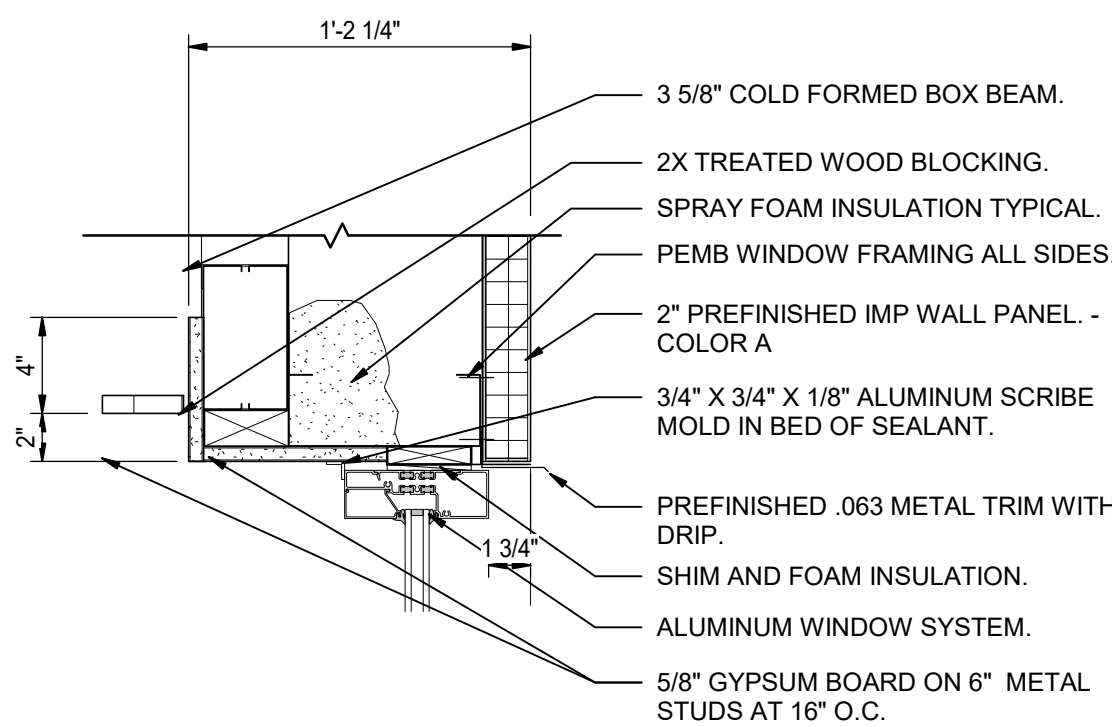
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REVISIONS		
MARK	DATE	ISSUED FOR
AD-03	09/25/26	ADDENDUM 03

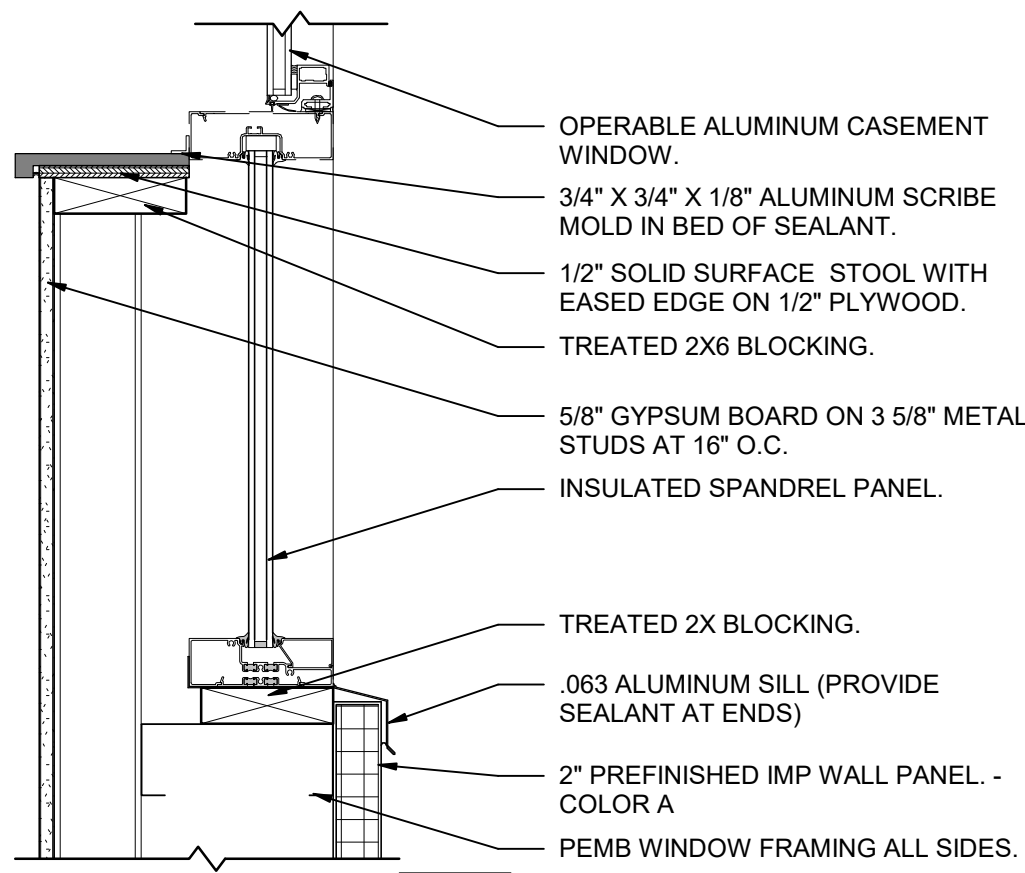
DRAWING
WINDOW ELEVATIONS AND DETAILS

PROJECT
PORTER TOWNSHIP ADMINISTRATION BUILDING

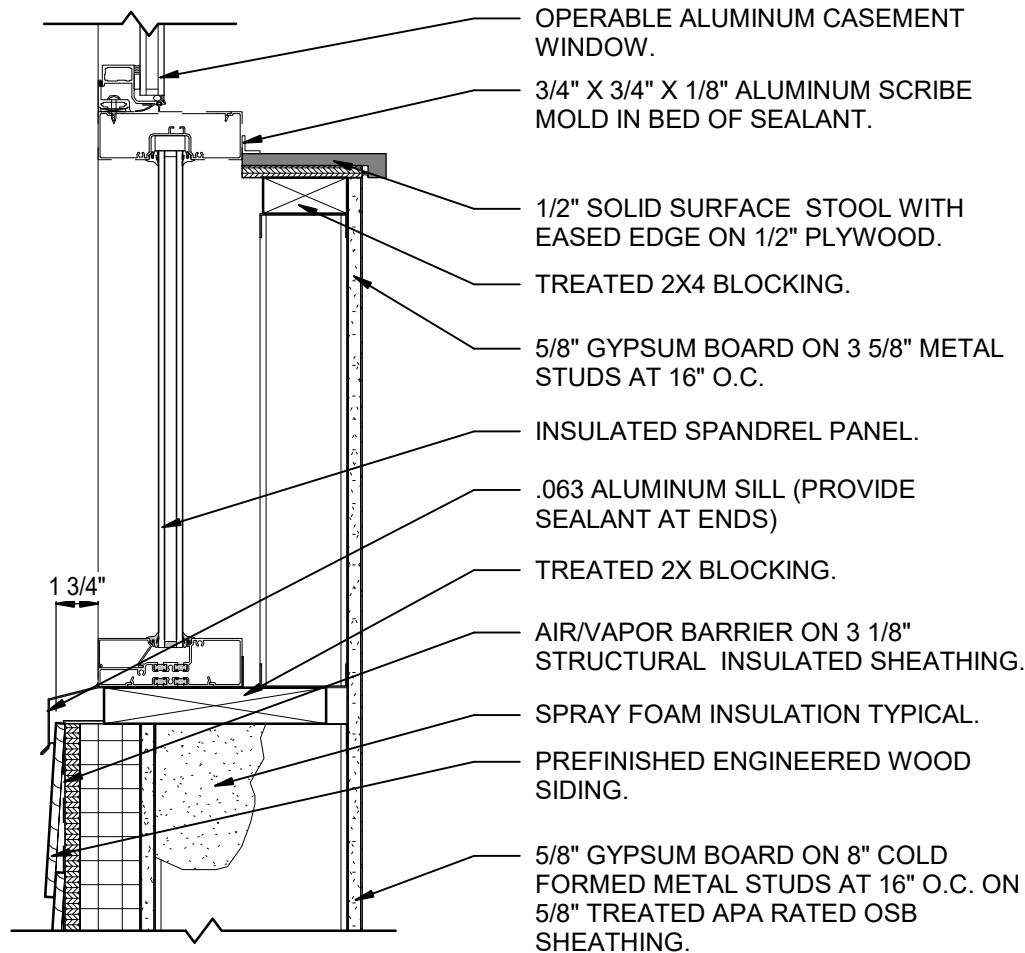
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SHEET
A-620



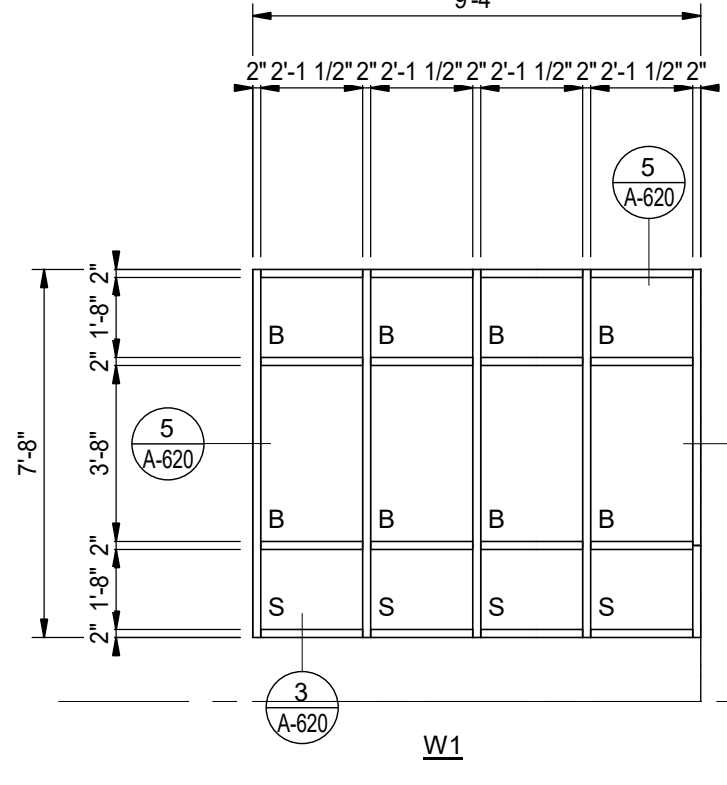
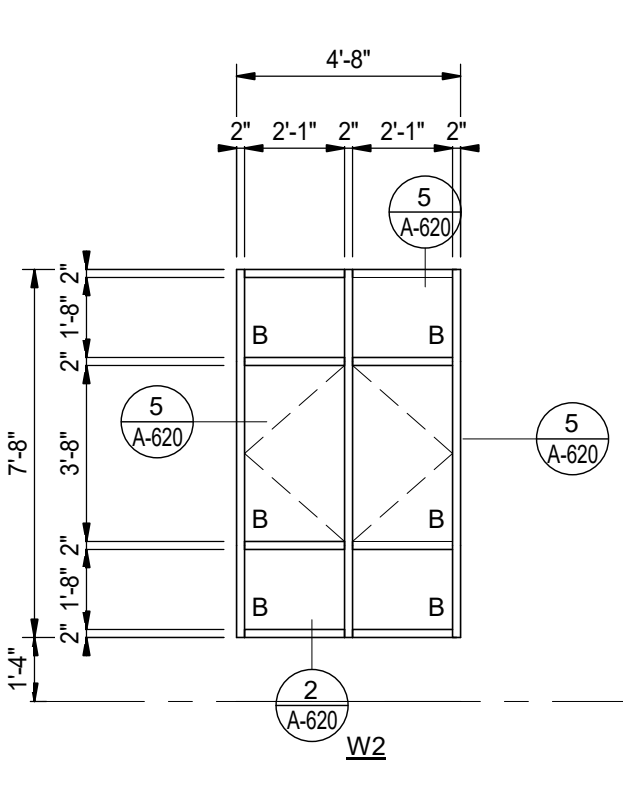
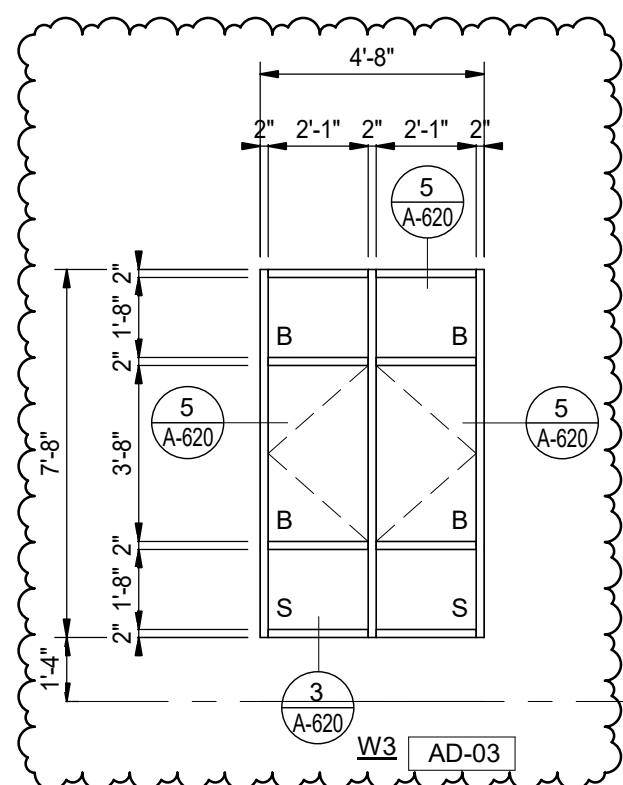
2
A-620
SCALE: 1 1/2" = 1'-0"



3
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SCALE: 1 1/2" = 1'-0"



4
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SCALE: 1 1/2" = 1'-0"



1
A-620
SCALE: 1/4" = 1'-0"

- NOTES - ALUMINUM WINDOWS (W)**
- PROVIDE SHIM SPACE, BACKER ROD AND SEALANT AROUND PERIMETER OF ALL WINDOW FRAMING WHERE FRAMING ABUTS DISSIMILAR MATERIALS.
 - PROVIDE FOAM INSULATION IN SHIM SPACE AROUND PERIMETER OF ALL EXTERIOR WINDOW FRAMING.
 - DIMENSIONS SHOWN ARE NOMINAL. FIELD VERIFY ALL DIMENSIONS SHOWN PRIOR TO FABRICATION AND INSTALLATION.
 - ALL FRAMES IN EXTERIOR WALLS SHALL BE THERMALLY BROKEN WITH 1" INSULATED GLAZING.
 - ALL GLAZING SHALL CONFORM TO STATE AND LOCAL CODES.
 - REFER TO BUILDING ELEVATIONS FOR HINGE SIDE LOCATIONS.
 - PROVIDE 3/4"x3/4" ALUMINUM SCRIBE MOLD AT PERIMETER OF BOTH SIDES ON ALL WINDOWS UNLESS NOTED OTHERWISE. SET SCRIBE MOLDS IN SEALANT.

FIRST FLOOR
ELEVATION = 100' - 0"

9/25/2028 9:15:47 AM
Autodesk Docs://2603050 Porter Township New Admin Center/MEG_Porter_Typ Admin Center_MEP-R25.rvt

- GENERAL NOTES
1. UNLESS OTHERWISE NOTED, ROUTE EXTERIOR LIGHTING TO CIRCUITS INDICATED IN PANEL PP-1 VIA TIME CLOCK, CONTACTORS, AND PHOTOCELL. CONDUCTORS SHALL BE #10 AWG MINIMUM, AND SIZED TO MEET N.E.C. VOLTAGE DROP REQUIREMENTS.



GIBALTAR
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PROJECT:
PORTER TOWNSHIP ADMINISTRATION BUILDING

PORTER TOWNSHIP SCHOOL CORPORATION
260 S 500 W
VALPARAISO, IN 46385

100% CONSTRUCTION DOCUMENTS

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PROJECT 26-119
DATE 08/25/26
COORDINATED BY AG
DRAWN BY KC
CHECKED BY DJ



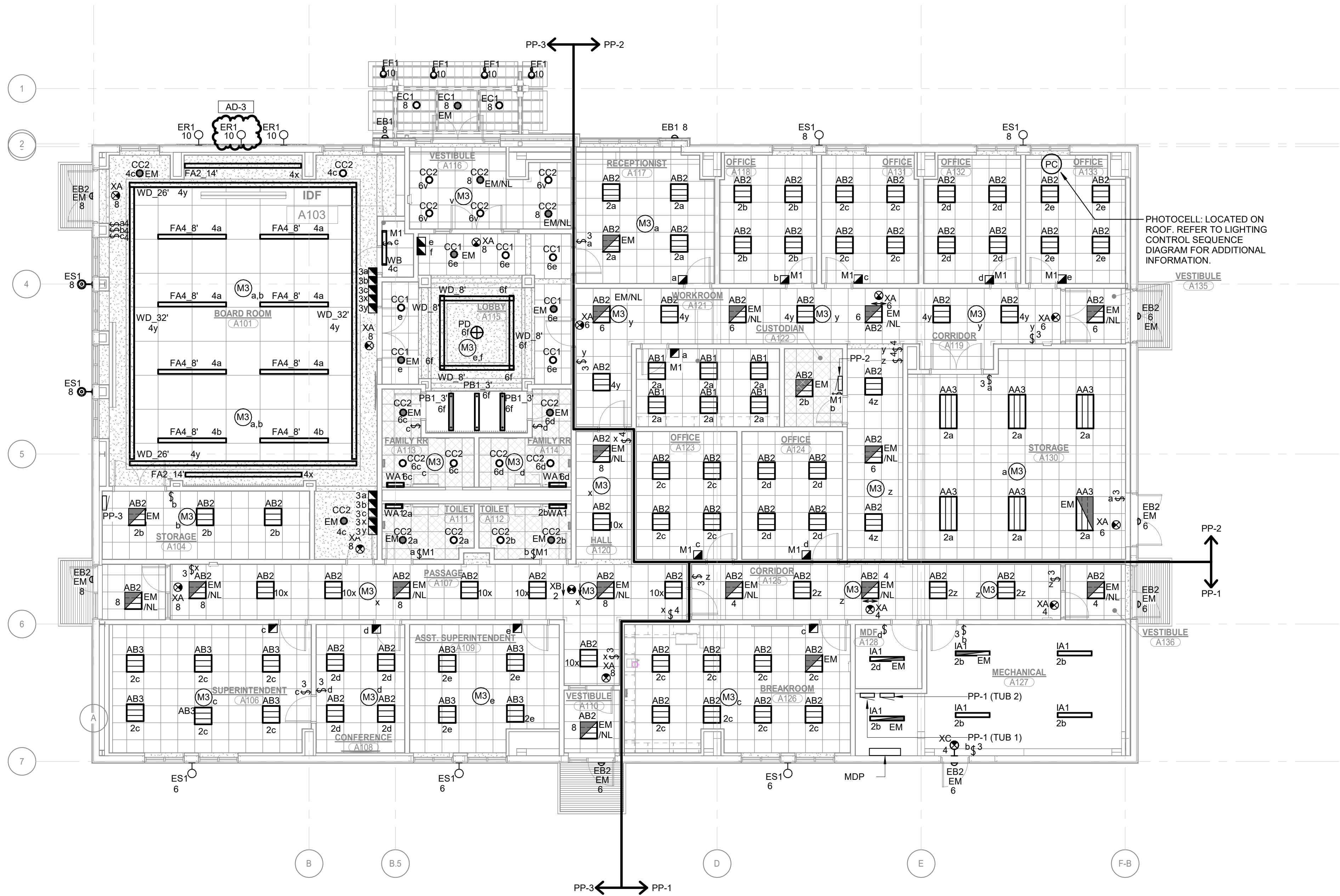
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REVISIONS		MARK	DATE	ISSUED FOR
AD-2		09/17/26	ADDENDUM NO. 2	
AD-3		09/25/26	ADDENDUM NO. 3	

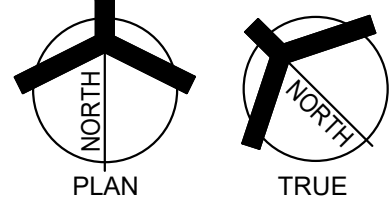
DRAWING
ELECTRICAL LIGHTING FIRST FLOOR CEILING PLAN - SCOPE B

PROJECT
PORTER TOWNSHIP ADMINISTRATION BUILDING

© GIBALTAR DESIGN
SHEET
EL101



ELECTRICAL LIGHTING FIRST FLOOR CEILING PLAN - SCOPE B
1 EL101 1/8" = 1'-0"



FIXTURE GENERAL NOTES

- INTERIOR FIXTURES, EXTERIOR FIXTURES AND POLE FINISHES AND COLORS TO BE SELECTED BY ARCHITECT. THE ARCHITECT MAY, AT THEIR DISCRETION, CHOOSE A CUSTOM COLOR AT NO ADDITIONAL CHARGE.
- PENDANT FIXTURES SPECIFIED ON THIS PROJECT SHALL BE CAREFULLY COORDINATED WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER AS EACH PENDANT FIXTURE IS A CUSTOM MANUFACTURED FIXTURE. PROVIDE PENDANT EMERGENCY SECTIONS AND EMERGENCY CIRCUITS AS SHOWN. COORDINATE WITH FIXTURE MANUFACTURER AND PROVIDE ADDITIONAL ACCESSORIES FOR A COMPLETE AND PROPER INSTALLATION. PROVIDE PROPER FIXTURE LENGTH, FEEDS, SINGLE AND DUAL CIRCUITING AND SUSPENSION LENGTH AS SHOWN ON DRAWINGS. PROVIDE FABRICATION DRAWINGS FOR REVIEW AS PART OF THE SHOP DRAWING SUBMITTAL PROCESS.
- LED FIXTURES (LESS THAN 10000 LUMENS) SHALL BE PROVIDED WITH FACTORY INSTALLED INTEGRAL EMERGENCY BATTERY UNITS BATTERY UNITS SHALL PROVIDE A MINIMUM OF 1400 LUMENS.
- FIXTURES THAT CANNOT BE PROVIDED WITH EMERGENCY BALLASTS OR FIXTURES WITH GREATER THAN 10000 LUMENS SHALL BE PROVIDED WITH EMERGENCY INVERTER (MYERS #LV SERIES OR APPROVED EQUAL) WITH SUITABLE CAPACITY TO POWER FIXTURE FOR A MINIMUM OF 90 MINUTES PER CODE. VERIFY SIZING AND REQUIREMENTS WITH CONTRACT DOCUMENTS PRIOR TO ORDERING.
- SHADED FIXTURES SHALL HAVE AN EMERGENCY SOURCE OF POWER AS SPECIFIED.
- EXTERIOR LIGHTING POLES SHALL BE PROVIDED WITH STRAIGHT SQUARE STEEL POLES WITH CAST BASE COVERS AND VIBRATION DAMPENERS. THE POLES SHALL BE SIZED PROPERLY TO SUPPORT FIXTURE WEIGHT AT 100 MPH WIND WITH A 1.5 GUST FACTOR. MINIMUM POLE SIZE TO BE 5" SQUARE. PROVIDE ADDITIONAL MOUNTING ACCESSORIES AS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION.
- FOR EXTERIOR POLE MOUNTED LIGHTING, PROVIDE FACTORY MOUNTED HOUSE SIDE SHIELDS INTEGRAL TO THE FIXTURE AS SPECIFIED. ADDITIONALLY, PROVIDE CUSTOM FABRICATED POLE MOUNTED HOUSE SIDE SHIELDING AS REQUIRED TO CONTROL LIGHT TRESPASS AND COMPLY WITH LOCAL REQUIREMENTS.
- FIXTURES WITH EMERGENCY BATTERIES SHALL BE PROVIDED WITH CONSTANT HOT SENSING WIRE SO THAT FIXTURE CAN BE SWITCHED ON AND OFF WITHOUT ACTIVATING EMERGENCY BALLAST. UPON LOSS OF POWER, THE FIXTURE SHALL BE ILLUMINATED FOR A MINIMUM OF 90 MINUTES REGARDLESS OF THE LIGHT SWITCH POSITION. PROVIDE TEST SWITCH AND CHARGING INDICATOR FOR EMERGENCY BATTERY AS SPECIFIED.
- ALL INTEGRAL EMERGENCY BATTERIES USED IN EXTERIOR APPLICATIONS SHALL HAVE A MINIMUM STARTING TEMPERATURE OF -20 DEGREES F UNLESS OTHERWISE SPECIFIED.
- CAREFULLY COORDINATE MOUNTING REQUIREMENTS FOR FIXTURES WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER. PROVIDE APPROPRIATE MOUNTING FRAMES FOR LAY-IN OR GYPSUM CEILINGS. VERIFY CEILING REQUIREMENTS WITH FINAL ARCHITECTURAL REFLECTED CEILING PLAN.
- COMPLETE PHOTOMETRICS OF THE INTERIOR AND EXTERIOR LIGHTING SHALL BE SUBMITTED ALONG WITH THE LIGHTING SHOP DRAWINGS FOR REVIEW. FOR FINISHED SPACES, 80/50/20 REFLECTANCES SHALL BE UTILIZED. FOR UNFINISHED SPACES 50/50/20 REFLECTANCE SHALL BE UTILIZED. THE LLD VALUE THAT SHALL BE UTILIZED FOR LED IS .81. EXTERIOR CALCULATIONS SHALL ACCOUNT FOR HOUSE SIDE SHIELDING AND SHALL CONFORM TO LOCAL REQUIREMENTS.
- VERIFY FIXTURE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.
- VERIFY VOLTAGES OF EXISTING LIGHTING CIRCUITRY PRIOR TO ORDERING FIXTURES.
- FOR FIXTURES INSTALLED IN CASEWORK, VERIFY FIXTURE FIT WITH CASEWORK SHOP DRAWINGS PRIOR TO ORDERING.
- PROVIDE CUSTOM ANTI-SWAY BRACING FOR PENDANT TO ELIMINATE PENDANT MOVEMENT DUE TO AIR MOVEMENT OR ENVIRONMENTAL CAUSES.
- COORDINATE LOCATIONS OF INTERIOR AND EXTERIOR LIGHTING FIXTURES WITH FINAL ARCHITECTURAL DRAWINGS. FIXTURES THAT ARE NOT INSTALLED IN THE CORRECT LOCATION SHALL BE RELOCATED AND REINSTALLED IN THE CORRECT LOCATION AT NO ADDITIONAL CHARGE.
- FIXTURES SHALL BE PROVIDED WITH ESCUTCHEON PLATES AS REQUIRED TO COVER EXISTING HOLES FROM REMOVED FIXTURES. CANOPY CEILING AROUND NEW FIXTURES SHALL BE REFINISHED TO MATCH EXISTING SURROUNDING CANOPY CEILING SURFACES.
- FIXTURES SHALL BE CAREFULLY COORDINATED WITH MANUFACTURER TO DELIVER THE SPECIFIED PRODUCT IN SUFFICIENT TIME TO MEET PROJECT DEADLINES. EQUIPMENT DELIVERY LEAD TIME SHALL NOT BE HELD AS A VALID REASON FOR REQUESTING LUMINAIRE SUBSTITUTION UNLESS LUMINAIRE LEAD TIME FROM SPECIFIED MANUFACTURER IS IN EXCESS OF 14 WEEKS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO DETERMINE NECESSARY EQUIPMENT LEAD TIMES, DELIVER SUBMITTALS FOR REVIEW IN A TIMELY FASHION, AND PLACE ORDERS ACCORDINGLY TO ENSURE TIMELY DELIVERY.
- EVALUATION OF APPROVED EQUALS SHALL BE AT THE SOLE DISCRETION OF THE ARCHITECT AND ENGINEER. IF THE PRODUCT SUBMITTED DURING THE REVIEW PROCESS IS NOT JUDGED AS AN EQUAL BY THE REVIEWING ENGINEER, THE CONTRACTOR SHALL PROVIDE THE PRODUCT SPECIFIED.
- CAREFULLY COORDINATE VOLTAGES OF FIXTURES PRIOR TO ORDERING FIXTURES.
- APPROVED EQUALS WILL BE CONSIDERED FROM THE FOLLOWING VENDORS: KSA LIGHTING (830.307.8955), THE LIGHTING DIGEST (630.566.2274), PG ENLIGHTEN (847.228.1199), OR ARCHIBALD AND MEEK (830.833.7377).
- CAREFULLY VERIFY COLOR TEMPERATURE OF FIXTURES WITH ARCHITECT PRIOR TO ORDERING.

INTERIOR LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	SERIES OR CATALOG NUMBER	LAMP	COLOR TEMP	MIN LUMENS	MAX WATTS	VOLTS	CONTROL	MOUNTING TYPE	MOUNTING HEIGHT	REMARKS
AA3	2'X4' RECESSED VOLUMETRIC LED FIXTURE WITH CURVED SMOOTH SHIELDING	LITHONIA METALUX WILLIAMS DAY-BRITE	2BLT4-48L-ADSM-GZ1-LP840 24CZ22-50-S-UNV-L835-HCD1 PT-24-L43835-RA-DIM-UNV 2FGXG-48L-835-4-RS-UNV-DIM	LED	4000K	4800 LM	40 W	120/277V	0-10V	RECESSED LAY-IN	---	---
AB1	2'X2' RECESSED VOLUMETRIC LED FIXTURE WITH CURVED SMOOTH SHIELDING	LITHONIA METALUX WILLIAMS DAY-BRITE	2BLT2-20L-ADSM-GZ1-LP840 22CZ22-20-S-UNV-L835-HCD1 PT-22-L43835-RA-DIM-UNV 2FGXG-20L-835-2-RS-UNV-DIM	LED	3500K	2000 LM	17 W	120/277V	0-10V	RECESSED LAY-IN	---	---
AB2	2'X2' RECESSED VOLUMETRIC LED FIXTURE WITH CURVED SMOOTH SHIELDING	LITHONIA METALUX WILLIAMS DAY-BRITE	2BLT2-33L-ADSM-GZ1-LP840 22CZ22-38-S-UNV-L835-HCD1 PT-22-L43835-RA-DIM-UNV 2FGXG-38-835-2-RS-UNV-DIM	LED	4000K	3300 LM	27 W	120/277V	0-10V	RECESSED LAY-IN	---	---
AB3	2'X2' RECESSED VOLUMETRIC LED FIXTURE WITH CURVED SMOOTH SHIELDING	LITHONIA METALUX WILLIAMS DAY-BRITE	2BLT2-40L-ADSM-GZ1-LP840 22CZ22-44-S-UNV-L835-HCD1 PT-22-L43835-RA-DIM-UNV 2FGXG-38L-835-2-RS-UNV-DIM	LED	4000K	4000 LM	31 W	120/277V	0-10V	RECESSED LAY-IN	---	---
CC1	4" DIAMETER LED OPEN DOWNLIGHT WITH SEMI-SPECULAR REFLECTOR AND WHITE FLANGE	LITHONIA HALO PRESCOLITE	LDN4-40-10-L04-AR-LSS-TRW-MVOLT-GZ1 HC4XXD10-HM4XX835-41WDHWF LTR-4RD-H-XXXXL-DM1-LTR-4RD-T-XX3K8WD-SSWT	LED	4000K	1000 LM	12 W	120/277V	0-10V	RECESSED LAY-IN/ DRYWALL	---	---
CC2	4" DIAMETER LED OPEN DOWNLIGHT WITH SEMI-SPECULAR REFLECTOR AND WHITE FLANGE	LITHONIA HALO PRESCOLITE	LDN4-40-15-L04-AR-LSS-TRW-MVOLT-GZ1 HC4XXD10-HM4XX835-41WDHWF LTR-4RD-H-XXXXL-DM1-LTR-4RD-T-XX3K8WD-SSWT	LED	4000K	1500 LM	18 W	120/277V	0-10V	RECESSED LAY-IN/ DRYWALL	---	---
ES1	LED EXTERIOR WALL MOUNT PENDANT	AFX	GUSW1010LAJENBK OR APPROVED EQUAL	LED	4000K	1100 LM	12 W	120/277V	0-10V	WALL	10' 1" AFF	---
FA2_14'	4" WIDE RECESSED LED GRAZE LINEAR SLOT FIXTURE WITH FLUSH LENS	AXIS LIGHTING	BCB2RMRI-90-40K-GZ-14 OR APPROVED EQUAL	LED	4000K	360 LM	82 W	120/277V	0-10V	RECESSED	---	---
FA4_8'	4" WIDE RECESSED LED LINEAR SLOT FIXTURE WITH FLUSH LENS	MARK NEORAY WILLIAMS FINELITE	SL4L-OP-8FT-FLP-XX-80CRI-40K-800LMF S124DR-S1020D835-XX-8FO-1-UDD-F MX4RX-8-1-12835-F-DIM-UNV HP-4-R-D-8FT-V-635-F-98LG-120-SC-FC-10%-SW	LED	4000K	1000 LMF	80 W	120/277V	0-10V	RECESSED	---	---
IA1	4' SUSPENDED LED INDUSTRIAL FIXTURE WITH FLAT DIFFUSE LENS, WHITE FINISH, WIREGUARD, AND SAFETY CHAINS	LITHONIA METALUX WILLIAMS DAY-BRITE	CLX-L48-5000LM-SEF-FDL-MVOLT-GZ1-40K-80CRI-WH- HC36M12-WGCLX48 48NX-XXSL-FDL-UNV-L835-HCD1-AYC-CHAINSET-U-WG-SNX/ISN-4FT-B FS-4-L-SRCS-2VBY-2P/UP-DIM-UNV FLP-4-50L-835-Q-UNV-DIM-HCHS-VH00K-FLP-WG4	LED	4000K	5000 LM	32 W	120/277V	0-10V	"Y" CHAIN SUSPENDED	---	COORDINATE LOCATIONS WITH DUCTWORK AND PIPING
IB1	8' SUSPENDED LED INDUSTRIAL FIXTURE WITH FLAT DIFFUSE LENS, WHITE FINISH, WIREGUARD, AND SAFETY CHAINS	LITHONIA METALUX WILLIAMS DAY-BRITE	CLX-L96-10000LM-SEF-FDL-MVOLT-GZ1-40K-80CRI-WH- HC36M12-WGCLX48 88NX-XXSL-FDL-UNV-L835-HCD1-AYC-CHAINSET-U-WG-SNX/ISN-4FT-B FS-8-L-SRCS-2VBY-2P/UP-DIM-UNV FLP-8-10L-835-Q-UNV-DIM-HCHS-VH00K-FLP-WG4	LED	4000K	10000 LM	64 W	120/277V	0-10V	"Y" CHAIN SUSPENDED	---	COORDINATE LOCATIONS WITH DUCTWORK AND PIPING
PB1_3'	1.5" WIDE LED LINEAR DIRECT PENDANT FIXTURE WITH FLUSH LENS	AXIS LIGHTING	SL1-S(52")-SO+ACC-CUSTOM-XX-200-90-40-BLK-UNV-DP-1-XX AD-3	LED	4000K	200 LMF	11 W	120/277V	0-10V	PENDANT	---	---
PD	LED DECORATIVE PENDANT FIXTURE	CERNO	#06-230-24-W-F-40-P1 OR APPROVED EQUAL	LED	4000K	1700 LM	20 W	120/277V	0-10V	PENDANT	7' AFF	---
WA1	24" LONG SQUARE LED VANITY FIXTURE WITH WHITE DIFFUSER AND BRUSHED NICKEL HOUSING	LITHONIA ABR4 AFX ASL LIGHTING	FMVCSL5-24IN-MVOLT-40K-90CRI 2001TVV-XX BARV2403L30D1XX VBH22-11-DV-3000K-XX	LED	4000K	1300 LM	18 W	120/277V	0-10V	WALL	MOUNTED ABOVE MIRROR	---
WB	48" WALL MOUNTED FIXTURE WITH WHITE FINISH	LITHONIA METALUX COLUMBIA	WL4-30L-GZ1-LP840 4SWLED-XXSL-LN-UNV-L835-HCD1 ESL4-35XX-FAW-EDU	LED	4000K	3000 LM	20 W	120/277V	0-10V	WALL	---	---
WD_8'	COVE LIGHTING FIXTURE	LUMENPULSE	LCN2-RQ-UL-120-48-40K-TAW-CL-XX-WH OR APPROVED EQUAL	LED	4000K	333 LMF	3W/FT	120/277V	0-10V	SURFACE	---	---
WD_26'	COVE LIGHTING FIXTURE	LUMENPULSE	LCN2-RQ-UL-120-48-40K-TAW-CL-XX-WH OR APPROVED EQUAL	LED	4000K	333 LMF	3W/FT	120/277V	0-10V	SURFACE	---	---
WD_32'	COVE LIGHTING FIXTURE	LUMENPULSE	LCN2-RQ-UL-120-48-40K-TAW-CL-XX-WH OR APPROVED EQUAL	LED	4000K	333 LMF	3W/FT	120/277V	0-10V	SURFACE	---	---
XA	LED THERMOPLASTIC SINGLE FACE EXIT SIGN, RED LETTERING, WHITE FINISH, NICAD BATTERY, SELF-DIAGNOSTICS	LITHONIA SURELITES DUAL LITE	LQM-S-W-3-R-MVOLT-ELN-SD LPX7SD EVCURW	LED	---	---	1 W	120/277V	---	CEILING	---	---
XB	LED THERMOPLASTIC DUAL FACE EXIT SIGN, RED LETTERING, WHITE FINISH, NICAD BATTERY, SELF-DIAGNOSTICS	LITHONIA SURELITES DUAL LITE	LQM-S-W-3-R-MVOLT-ELN-SD LPX7SD EVCURW	LED	---	---	1 W	120/277V	---	CEILING	---	---
XC	LED THERMOPLASTIC SINGLE FACE EXIT SIGN, RED LETTERING, BRUSHED ALUMINUM, NICAD BATTERY, SELF-DIAGNOSTICS	LITHONIA SURELITES DUAL LITE	LQM-S-W-3-R-MVOLT-ELN-SD LPX7SD EVCURW	LED	---	---	1 W	120/277V	---	WALL/CEILING	---	---
EM	FIXTURE ON EMERGENCY CIRCUIT WITH 90 MINUTE, HIGH OUTPUT (MIN 1400LM) BATTERY UNIT OR INVERTER		BOONIE FACTORY INSTALLED BATTERY, OR, AT CONTRACTOR'S DISCRETION, MYERS LV SERIES INVERTER (SIZE AND QUANTITY AS REQUIRED)				0 W	120/277V		---	---	- PROVIDE TEST SWITCH AND CHARGING INDICATOR - INTEGRAL BATTERIES NOT ALLOWED IN FIXTURES WITH GREATER THAN 10000 LUMENS
NL	CONSTANT HOT, UNSWITCHED NIGHT LIGHT FIXTURE						0 W					---

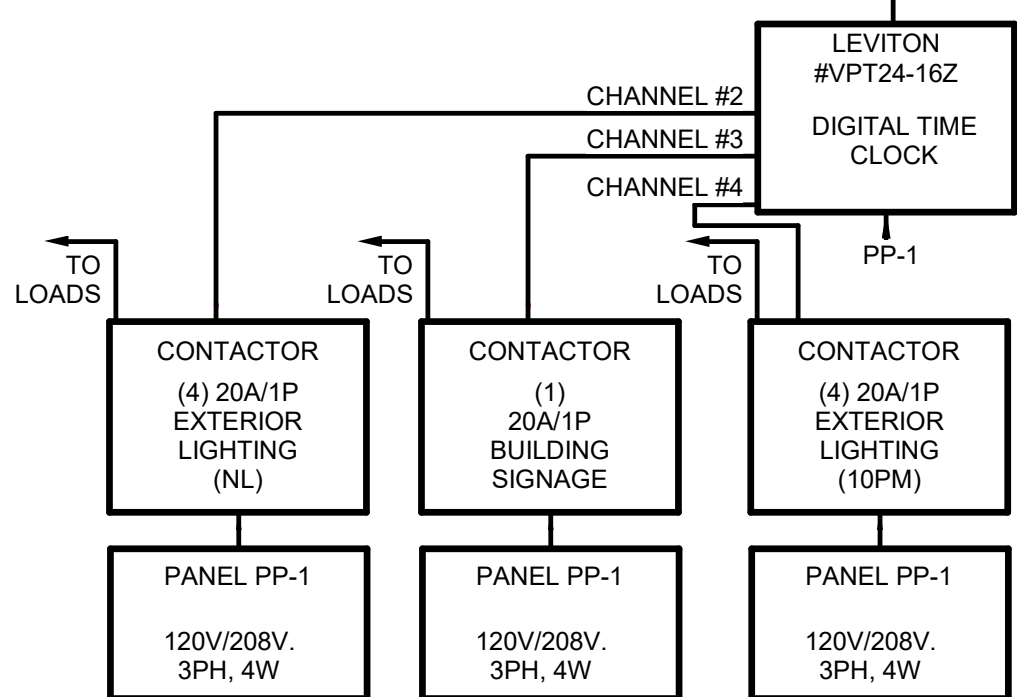
EXTERIOR LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	SERIES OR CATALOG NUMBER	LAMP	COLOR TEMP	MIN LUMENS	MAX WATTS	VOLTS	CONTROL	MOUNTING TYPE	MOUNTING HEIGHT	REMARKS
EB1	37" LED EXTERIOR WALL SCNCE	COOPER LIGHTING	673-37-WP-L4/840-UNV-XX-2VTB/PC OR APPROVED EQUAL	LED	4000K	3000 LM	29 W	120/277V	0-10V	WALL	6' 2" AFF	---
EB2	LED EXTERIOR HALF ROUND WALL PACK	LITHONIA	MRW LED P2-40K-SR4-MVOLT-E20WC-XX OR APPROVED EQUAL	LED	4000K	2800 LM	29 W	120/277V	0-10V	WALL	7' 8" AFF	-VERIFY FINISH WITH ARCHITECT PRIOR TO ORDERING
EC1	6" DIAMETER LED OPEN DOWNLIGHT WITH SEMI-SPECULAR REFLECTOR AND WHITE FLANGE	LITHONIA	LDN6-40K-20-L06-AB-LSS-TRW-MVOLT-GZ10 OR APPROVED EQUAL	LED	4000K	2000 LM	22 W	120/277V	0-10V	RECESSED LAY-IN DRYWALL	---	---
EF1	LED SPECIALTY ARCHITECTURAL FLOOD LIGHT	HYDREL	SAF7-LED-P1-80CRI-40K-MVOL-40DEG-3WL-YM-ZT-XX OR APPROVED EQUAL	LED	4000K	2888 LM	33 W	120/277V	0-10V	SURFACE	---	---
EG	LED POLE MOUNTED AREA LIGHTING FIXTURE	LITHONIA	DSX1 LED-P7-40K-80CRI-T4M-MVOLT-SPA-XX OR APPROVED EQUAL	LED	4000K	22000 LM	184 W	120/208V	0-10V	POLE	25' AFF	PROVIDE 22' 6" POLE
ER1	LED EXTERIOR ANGLED REFLECTOR	RLM CLASSICS	AR1214GV-27L-40K-EX-TF-PA30-XX-WLKA OR APPROVED EQUAL	LED	4000K	2700 LM	18 W	120/277V	0-10V	WALL	10' 1" AFF	---
ES1	LED EXTERIOR WALL MOUNT PENDANT	AFX	GUSW1010LAJENBK OR APPROVED EQUAL	LED	4000K	1100 LM	12 W	120/277V	0-10V	WALL	10' 1" AFF	---

LIGHTING CONTROL SEQUENCE DIAGRAM

FURNISH AND INSTALL PHOTOCELL ON NORTH FACE OF ROOF. ROUTE 2 #12 AWG IN 1/2" CONDUIT TO PHOTOCELL CONCEALED IN CEILING SPACE UP THROUGH PATE PIPE CURB, ON ROOF, TO PHOTOCELL. PROVIDE WEATHER TIGHT PATE PIPE CURB, FLASH, AND COUNTER FLASH COMPLETE AS REQUIRED.

WIRING PER MANUFACTURER'S INSTRUCTIONS.



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PROJECT

26-119

DATE

08/25/26

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DRAWING
ELECTRICAL DETAILS &
DIAGRAMS

PROJECT

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