

ADDENDUM NO. 1

September 14, 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 1-1 and attached Addendum No. 1 from Gibraltar Design, Inc. dated September 11, 2026 and consisting of revised Specification Section 08 71 00 - Door Hardware, 3 pages, and 8 drawings.

ADDENDUM ONE

Addendum One (AD.01) 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 this Addendum and include the appropriate content of same within their bid proposal.

SPECIFICATIONS

1. Specification Section 03 45 00

Architectural Precast Concrete

- A. Add new Paragraph 1.7.C.2. as follows: "2. In lieu of PCI Membership and Plant Certification, Manufacturer is required to provide 3rd Party Testing establishing quality of materials meeting of similar standards to the quality required in these specifications."
- B. Add new Paragraph 2.1.E. as follows: "E. Marcstone, LLC, Hampton, Minnesota." As an acceptable Manufacturer.

2. Specification Section 08 71 00

Door Hardware

- A. Replace Specification Section 08 71 00, Door Hardware with new Specification Section included in this Addendum.

3. Specification Section 13 34 19

Metal Building Systems

- A. Add new Paragraph 2.1.A.6. as follows: "6. CECO Building Systems, Tremont, Illinois." As an acceptable Manufacturer.

DRAWINGS

4. Sheet G-301

- A. Revise sheet per notes below.

- 1. Partition Types 2/G-301: Revise note in wall types "G", "H", "J", and "M" to read as follows "Cold formed diagonal bracing at max 48" O.C. above ceiling to structure. Provide cold formed framing between PEMB roof purlins."

In-lieu-of

"Cold formed diagonal between girts".

5. Sheets C-102

- A. Add the following notes to sheet.

- 1. "Pro. Bollard, 13 EA in dumpster enclosure (See detail on sheet C-115)."
- 2. "Pro. Bollard, 8 EA surrounding the mechanical yard (See detail on sheet C-115)."

6. Sheets C-115

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
 - 1. Add "BOLLARD SECTION DETAIL" to sheet.

7. Sheet A-101

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
 - 1. Revised location of bulkhead and projector screen on North end of Board Room A101.
 - 2. Updated Site background to match Civil Drawings.

8. Sheet A-102

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
 - 1. Revised location of bulkhead and projector screen on North end of Board Room A101.
 - 2. Updated Site background to match Civil Drawings.

9. Sheet A-310

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
 - 1. Revised fixture type at secondary entries and heights of premanufactured steel canopies.

10. Sheet A-311

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
 - 1. Revised fixture type at secondary entries and heights of premanufactured steel canopies.

11. Sheet A-411

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
 - 1. Revised height of premanufactured steel canopy.

12. Sheet A-901

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
 - 1. Revised location of bulkhead and projector screen on North end of Board Room A101.

13. Sheet ES201

- A. Added new full-size drawing, included in this Addendum, to project documents.

Pages 1 through 3, inclusive, Specification Sections 08 71 00, and Eight (8) Full-Size Drawings, constitute the total makeup of **Addendum One**.



GIBRALTAR

DESIGN

Porter Township Administration Building

26-119

Joseph P. Briggs

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SECTION 08 71 00

DOOR HARDWARE

1 General

1.1 Related Documents

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 Summary

- A. Section includes:
1. Mechanical and electrified door hardware for:
 - a. Swinging doors.
 2. Electronic access control system components, including:
 - a. Electronic access control devices.
- B. Exclusions: Unless specifically listed in hardware sets, hardware is not specified in this section for:
1. Windows
 2. Cabinets (casework), including locks in cabinets
 3. Signage
 4. Toilet accessories
 5. Overhead doors
- C. Related Sections:
1. Division 01 Section "Alternates" for alternates affecting this section
 2. Division 06 Section "Rough Carpentry"
 3. Division 06 Section "Finish Carpentry"
 4. Division 07 Section "Joint Sealants" for sealant requirements applicable to threshold installation specified in this section.
 5. Division 08 Section "Metal Doors and Frames".
 6. Division 08 Section "Aluminum Framed Entrances and Storefronts".
 7. Division 26 sections for connections to electrical power system and for low-voltage wiring.
 8. Division 28 sections for coordination with other components of electronic access control system.

1.3 References

- A. UL - Underwriters Laboratories
1. UL 10B - Fire Test of Door Assemblies.
 2. UL 10C - Positive Pressure Test of Fire Door Assemblies.

3. UL 1784 - Air Leakage Tests of Door Assemblies.
 4. UL 305 - Panic Hardware.
- B. DHI - Door and Hardware Institute.
1. Sequence and Format for the Hardware Schedule.
 2. Recommended Locations for Builders Hardware.
 3. Key Systems and Nomenclature.
 4. Installation Guide for Doors and Hardware.
- C. NFPA – National Fire Protection Association.
1. NFPA 70 – National Electric Code.
 2. NFPA 80 – Standard for Fire Doors and Other Opening Protectives.
 3. NFPA 101 – Life Safety Code.
 4. NFPA 105 – Smoke and Draft Control Door Assemblies.
 5. NFPA 252 – Fire Tests of Door Assemblies.
- D. ANSI - American National Standards Institute.
1. ANSI A117.1 – 2017 Edition – Accessible and Usable Buildings and Facilities.
 2. ANSI/BHMA A156.1 - A156.29, and ANSI/BHMA A156.31 - Standards for Hardware and Specialties.
 3. ANSI/BHMA A156.28 - Recommended Practices for Keying Systems.
 4. ANSI/WDMA I.S. 1A - Interior Architectural Wood Flush Doors.
 5. ANSI/SDI A250.8 - Standard Steel Doors and Frames.

1.4 Submittals

- A. General:
1. Submit in accordance with Conditions of Contract and Division 01 requirements.
 2. Review drawings and Sections from related trades to verify compatibility with specified hardware.
 3. Highlight, encircle, or otherwise specifically identify on submittals deviations from Contract Documents, issues of incompatibility or other issues which may detrimentally affect the Work.
- B. Action Submittals:
1. Product Data: Product data including manufacturers' technical product data for each item of door hardware, installation instructions, maintenance of operating parts and finish, and other information necessary to show compliance with requirements.
 2. Riser and Wiring Diagrams: After final approval of hardware schedule, submit details of electrified door hardware, indicating:
 - a. Wiring Diagrams: For power, signal, and control wiring and including:
 - 1) Details of interface of electrified door hardware and building safety and security systems.

- 2) Schematic diagram of systems that interface with electrified door hardware.
 - 3) Point-to-point wiring.
 - 4) Risers.
3. Samples for Verification: If requested by Architect, submit production sample or sample installations of each type of exposed hardware unit in finish indicated, and tagged with full description for coordination with schedule.
 - a. Samples will be returned to supplier in like-new condition. Units that are acceptable to Architect may, after final check of operations, be incorporated into Work, within limitations of key coordination requirements.
4. Door Hardware Schedule:
 - a. Submit concurrent with submissions of Product Data, Samples, and Shop Drawings. Coordinate submission of door hardware schedule with scheduling requirements of other work to facilitate fabrication of other work critical in Project construction schedule.
 - b. Submit under direct supervision of a Door Hardware Institute (DHI) certified Architectural Hardware Consultant (AHC) or Door Hardware Consultant (DHC) with hardware sets in vertical format as illustrated by Sequence of Format for the Hardware Schedule published by DHI.
 - c. Indicate complete designations of each item required for each opening, include:
 - 1) Door Index: door number, heading number, and Architect's hardware set number.
 - 2) Quantity, type, style, function, size, and finish of each hardware item.
 - 3) Name and manufacturer of each item.
 - 4) Fastenings and other pertinent information.
 - 5) Location of each hardware set cross-referenced to indications on Drawings.
 - 6) Explanation of all abbreviations, symbols, and codes contained in schedule.
 - 7) Mounting locations for hardware.
 - 8) Door and frame sizes and materials.
 - 9) Degree of door swing and handing.
 - 10) Operational Description of openings with electrified hardware covering egress, ingress (access), and fire/smoke alarm connections.
5. Key Schedule:
 - a. After Keying Conference, provide keying schedule listing levels of keying as well as explanation of key system's function, key symbols used and door numbers controlled.
 - b. Use ANSI/BHMA A156.28 "Recommended Practices for Keying Systems" as guideline for nomenclature, definitions, and approach for selecting optimal keying system.

- c. Provide 3 copies of keying schedule for review prepared and detailed in accordance with referenced DHI publication. Include schematic keying diagram and index each key to unique door designations.
 - d. Index keying schedule by door number, keyset, hardware heading number, cross keying instructions, and special key stamping instructions.
 - e. Provide one complete bitting list of key cuts and one key system schematic illustrating system usage and expansion.
 - 1) Forward bitting list, key cuts and key system schematic directly to Owner, by means as directed by Owner.
 - f. Prepare key schedule by or under supervision of supplier, detailing Owner's final keying instructions for locks.
- C. Informational Submittals:
 - 1. Qualification Data: For Supplier, Installer and Architectural Hardware Consultant.
 - 2. Product data for electrified door hardware:
 - a. Certify that door hardware approved for use on types and sizes of labeled fire-rated doors complies with listed fire-rated door assemblies.
 - 3. Certificates of Compliance:
 - a. Electrified Hardware Coordination Conference Certification: Letter of compliance, signed by Contractor, attesting to completion of electrified hardware coordination conference, specified in "QUALITY ASSURANCE" article, herein.
 - 4. Warranty: Special warranty specified in this Section.
- D. Closeout Submittals:
 - 1. Operations and Maintenance Data: Provide in accordance with Division 01 and include:
 - a. Complete information on care, maintenance, and adjustment; data on repair and replacement parts, and information on preservation of finishes.
 - b. Catalog pages for each product.
 - c. Final approved hardware schedule, edited to reflect conditions as-installed.
 - d. Final keying schedule
 - e. As-installed wiring diagrams for each opening connected to power, both low voltage and 110 volts.
 - f. Copy of warranties including appropriate reference numbers for manufacturers to identify project.
- E. Inspection and Testing:
 - 1. Submit written reports to the Owner and Authority Having Jurisdiction (AHJ) of the results of functional testing and inspection for:

- a. Fire door assemblies, in compliance with NFPA 80.
- b. Required egress door assemblies, in compliance with NFPA 101.

1.5 Quality Assurance

A. Qualifications and Responsibilities:

- 1. Supplier: Recognized architectural hardware supplier with a minimum of 5 years documented experience supplying both mechanical and electromechanical door hardware similar in quantity, type, and quality to that indicated for this Project. Supplier to be recognized as a factory direct distributor by the manufacturer of the primary materials with a warehousing facility in the Project's vicinity. Supplier to have on staff, a certified Architectural Hardware Consultant (AHC) or Door Hardware Consultant (DHC) available to Owner, Architect, and Contractor, at reasonable times during the Work for consultation.
- 2. Installer: Qualified tradesperson skilled in the application of commercial grade hardware with experience installing door hardware similar in quantity, type, and quality as indicated for this Project.
- 3. Architectural Hardware Consultant: Person who is experienced in providing consulting services for door hardware installations that are comparable in material, design, and extent to that indicated for this Project and meets these requirements:
 - a. For door hardware: DHI certified AHC or DHC.
 - b. Can provide installation and technical data to Architect and other related subcontractors.
 - c. Can inspect and verify components are in working order upon completion of installation.
 - d. Capable of producing wiring diagram and coordinating installation of electrified hardware with Architect and electrical engineers.
- 4. Single Source Responsibility: Obtain each type of door hardware from single manufacturer.

B. Certifications:

- 1. Fire-Rated Door Openings:
 - a. Provide door hardware for fire-rated openings that complies with NFPA 80 and requirements of authorities having jurisdiction.
 - b. Provide only items of door hardware that are listed products tested by UL LLC, Intertek Testing Services, or other testing and inspecting organizations acceptable to authorities having jurisdiction for use on types and sizes of doors indicated, based on testing at positive pressure and according to NFPA 252 or UL 10C and in compliance with requirements of fire-rated door and door frame labels.
- 2. Smoke and Draft Control Door Assemblies:
 - a. Provide door hardware that meets requirements of assemblies tested according to UL 1784 and installed in compliance with NFPA 105

- b. Comply with the maximum air leakage of 0.3 cfm/sq. ft. (3 cu. m per minute/sq. m) at tested pressure differential of 0.3-inch wg (75 Pa) of water.
 - 3. Electrified Door Hardware
 - a. Listed and labeled as defined in NFPA 70, Article 100, by testing agency acceptable to authorities having jurisdiction.
 - 4. Accessibility Requirements:
 - a. Comply with governing accessibility regulations cited in "REFERENCES" article 087100, 1.02.D3 herein for door hardware on doors in an accessible route. This project must comply with all Federal Americans with Disability Act regulations and all Local Accessibility Regulations.
- C. Pre-Installation Meetings
 - 1. Keying Conference
 - a. Incorporate keying conference decisions into final keying schedule after reviewing door hardware keying system including:
 - 1) Function of building, flow of traffic, purpose of each area, degree of security required, and plans for future expansion.
 - 2) Preliminary key system schematic diagram.
 - 3) Requirements for key control system.
 - 4) Requirements for access control.
 - 5) Address for delivery of keys.
 - 2. Pre-installation Conference
 - a. Review and finalize construction schedule and verify availability of materials, Installer's personnel, equipment, and facilities needed to make progress and avoid delays.
 - b. Inspect and discuss preparatory work performed by other trades.
 - c. Inspect and discuss electrical roughing-in for electrified door hardware.
 - d. Review sequence of operation for each type of electrified door hardware.
 - e. Review required testing, inspecting, and certifying procedures.
 - f. Review questions or concerns related to proper installation and adjustment of door hardware.
 - 3. Electrified Hardware Coordination Conference:
 - a. Prior to ordering electrified hardware, schedule and hold meeting to coordinate door hardware with security, electrical, doors and frames, and other related suppliers.

1.6 Delivery, Storage, And Handling

- A. Inventory door hardware on receipt and provide secure lock-up for hardware delivered to Project site.
- B. Tag each item or package separately with identification coordinated with final door hardware schedule, and include installation instructions, templates, and necessary fasteners with each item or package.
 - 1. Deliver each article of hardware in manufacturer's original packaging.
- C. Project Conditions:
 - 1. Maintain manufacturer-recommended environmental conditions throughout storage and installation periods.
 - 2. Provide secure lock-up for door hardware delivered to Project. Control handling and installation of hardware items so that completion of Work will not be delayed by hardware losses both before and after installation.
- D. Protection and Damage:
 - 1. Promptly replace products damaged during shipping.
 - 2. Handle hardware in manner to avoid damage, marring, or scratching. Correct, replace or repair products damaged during Work.
 - 3. Protect products against malfunction due to paint, solvent, cleanser, or any chemical agent.
- E. Deliver keys and permanent cores to Owner by registered mail or overnight package service.

1.7 Coordination

- A. Coordinate layout and installation of floor-recessed door hardware with floor construction. Cast anchoring inserts into concrete.
- B. Installation Templates: Distribute for doors, frames, and other work specified to be factory or shop prepared. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements.
- C. Security: Coordinate installation of door hardware, keying, and access control with Owner's security consultant.
- D. Electrical System Roughing-In: Coordinate layout and installation of electrified door hardware with connections to power supplies and building safety and security systems.

1.8 Warranty

- A. Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of door hardware that fail in materials or workmanship within specified warranty period.

1. Warranty Period: Beginning from date of Substantial Completion, for durations indicated.
 - a. Closers:
 - 1) Mechanical, LCN 4000 Series: 30 years.
 - b. Automatic Operators, LCN: 2 years
 - c. Exit Devices:
 - 1) Mechanical, Von Duprin: 10 years.
 - 2) Electrified, Von Duprin: 3 year.
 - d. Locksets:
 - 1) Schlage L Series: 10 years.
 - 2) Electrified Schlage: 3 year.
 - e. Continuous Hinges: Lifetime warranty.
 - f. Key Blanks: Lifetime.
2. Warranty does not cover damage or faulty operation due to improper installation, improper use or abuse.

1.9 Maintenance

- A. Maintenance Tools:
 1. Furnish complete set of special tools required for maintenance and adjustment of hardware, including changing of cylinders.
 2. Turn over unused materials to Owner for maintenance purposes.

2 Products

2.1 Manufacturers

- A. The Owner requires use of certain products for their unique characteristics and project suitability to ensure continuity of existing and future performance and maintenance standards. After investigating available product offerings, the Awarding Authority has elected to prepare proprietary specifications. These products are specified with the notation: "No Substitute."
 1. Where "No Substitute" is noted, submittals and substitution requests for other products will not be considered.
- B. Approval of manufacturers and/or products other than those listed as "Scheduled Manufacturer" or "Acceptable Manufacturers" in the individual article for the product category shall be in accordance with QUALITY ASSURANCE article, herein.
- C. Approval of products from manufacturers indicated in "Acceptable Manufacturers" is contingent upon those products providing all functions and features and meeting all requirements of scheduled manufacturer's product.

- D. Where specified hardware is not adaptable to finished shape or size of members requiring hardware, furnish suitable types having same operation and quality as type specified, subject to Architect's approval.

2.2 Materials

A. Fasteners

1. Provide hardware manufactured to conform to published templates, generally prepared for machine screw installation.
2. Furnish screws for installation with each hardware item. Finish exposed (exposed under any condition) screws to match hardware finish, or, if exposed in surfaces of other work, to match finish of this other work including prepared for paint surfaces to receive painted finish.
3. Provide concealed fasteners for hardware units exposed when door is closed except when no standard units of type specified are available with concealed fasteners. Do not use thru-bolts for installation where bolt head or nut on opposite face is exposed in other work unless thru-bolts are required to fasten hardware securely. Review door specification and advise Architect if thru-bolts are required.
4. Install hardware with fasteners provided by hardware manufacturer.

B. Provide screws, bolts, expansion shields, drop plates and other devices necessary for hardware installation.

1. Where fasteners are exposed to view: Finish to match adjacent door hardware material.

C. Cable and Connectors: Hardwired Electronic Access Control Lockset and Exit Device Trim:

1. Where scheduled in the hardware sets, provide each item of electrified hardware and wire harnesses with number and gage of wires enough to accommodate electric function of specified hardware.
2. Provide Molex connectors that plug directly into connectors from harnesses, electric locking and power transfer devices.
3. Provide through-door wire harness for each electrified locking device installed in a door and wire harness for each electrified hinge, electrified continuous hinge, electrified pivot, and electric power transfer for connection to power supplies.

2.3 Hinges

A. Manufacturers and Products:

1. Scheduled Manufacturer and Product: Ives 5BB series.
2. Acceptable Manufacturers and Products:
 - a. Hager BB1191/1279 series.
 - b. McKinney TB series.
 - c. Best FBB series.

B. Requirements:

1. Provide hinges conforming to ANSI/BHMA A156.1.
2. Provide five knuckle, ball bearing hinges.
3. 1-3/4 inch (44 mm) thick doors, up to and including 36 inches (914 mm) wide:
 - a. Exterior: Standard weight, bronze or stainless steel, 4-1/2 inches (114 mm) high
 - b. Interior: Standard weight, steel, 4-1/2 inches (114 mm) high
4. 1-3/4 inch (44 mm) thick doors over 36 inches (914 mm) wide:
 - a. Exterior: Heavy weight, bronze/stainless steel, 5 inches (127 mm) high
 - b. Interior: Heavy weight, steel, 5 inches (127 mm) high
5. 2 inches or thicker doors:
 - a. Exterior: Heavy weight, bronze or stainless steel, 5 inches (127 mm) high
 - b. Interior: Heavy weight, steel, 5 inches (127 mm) high
6. Adjust hinge width for door, frame, and wall conditions to allow proper degree of opening.
7. Provide three hinges per door leaf for doors 90 inches (2286 mm) or less in height, and one additional hinge for each 30 inches (762 mm) of additional door height.
8. Hinge Pins: Except as otherwise indicated, provide hinge pins as follows:
 - a. Steel Hinges: Steel pins
 - b. Non-Ferrous Hinges: Stainless steel pins
 - c. Out-Swinging Exterior Doors: Non-removable pins
 - d. Out-Swinging Interior Lockable Doors: Non-removable pins
 - e. Interior Non-lockable Doors: Non-rising pins
9. Provide hinges with electrified options as scheduled in the hardware sets. Provide with number and gage of wires enough to accommodate electric function of specified hardware. Locate electric hinge at second hinge from bottom or nearest to electrified locking component. Provide mortar guard for each electrified hinge specified.

2.4 Continuous Hinges**A. Aluminum Geared**

1. Manufacturers:
 - a. Scheduled Manufacturer: Ives.
 - b. Acceptable Manufacturers:
 - 1) Select
 - 2) ABH

2. Requirements:
 - a. Provide aluminum geared continuous hinges conforming to ANSI/BHMA A156.26, Grade 1.
 - b. Provide aluminum geared continuous hinges, where specified in the hardware sets, fabricated from 6063-T6 aluminum.
 - c. Provide split nylon bearings at each hinge knuckle for quiet, smooth, self-lubricating operation.
 - d. Provide hinges capable of supporting door weights up to 450 pounds, and successfully tested for 1,500,000 cycles.
 - e. On fire-rated doors, provide aluminum geared continuous hinges that are classified for use on rated doors by testing agency acceptable to authority having jurisdiction.
 - f. Provide aluminum geared continuous hinges with electrified option scheduled in the hardware sets. Provide with sufficient number and wire gage to accommodate electric function of specified hardware.
 - g. Provide hinges 1 inch (25 mm) shorter in length than nominal height of door, unless otherwise noted or door details require shorter length and with symmetrical hole pattern.

2.5 Electric Power Transfer

- A. Manufacturers:
 - a. Scheduled Manufacturer: Von Duprin EPT-10.
 - b. Acceptable Manufacturers: ABH PT1000.
- B. Provide power transfer with electrified options as scheduled in the hardware sets. Provide with number and gage of wires sufficient to accommodate electric function of specified hardware.
- C. Locate electric power transfer per manufacturer's template and UL requirements, unless interference with operation of door or other hardware items.

2.6 FLUSH BOLTS

- A. Manufacturers:
 1. Scheduled Manufacturer: Ives.
 2. Acceptable Manufacturers: Trimco, Rockwood.
- B. Requirements:
 1. Provide automatic, constant latching, and manual flush bolts with forged bronze or stainless-steel face plates, extruded brass levers, and with wrought brass guides and strikes. Provide 12 inch (305 mm) steel or brass rods at doors up to 90 inches (2286 mm) in height. For doors over 90 inches (2286 mm) in height increase top rods by 6 inches (152 mm) for each additional 6 inches (152 mm) of door height. Provide dust-proof strikes at each bottom flush bolt.

2.7 COORDINATORS

A. Manufacturers:

1. Scheduled Manufacturer: Ives.
2. Acceptable Manufacturers: Rockwood, Trimco.

B. Requirements:

1. Where pairs of doors are equipped with automatic flush bolts, an astragal, or other hardware that requires synchronized closing of the doors, provide bar-type coordinating device, surface applied to underside of stop at frame head.
2. Provide filler bar of correct length for unit to span entire width of opening, and appropriate brackets for parallel arm door closers, surface vertical rod exit device strikes or other stop mounted hardware. Factory-prepared coordinators for vertical rod devices as specified.

2.8 Mortise Locks

A. Manufacturers and Products:

1. Scheduled Manufacturer and Product: Schlage L9000 series.
2. Acceptable Manufacturers and Products: Best 45H series.

B. Requirements:

1. Provide mortise locks conforming to ANSI/BHMA A156.13 Series 1000, Grade 1, and UL Listed for 3 hour fire doors.
2. Indicators: Where specified, provide indicator window measuring a minimum 2 inch x 1/2 inch with 180 degree visibility. Provide messages color-coded with full text and/or symbols, as scheduled, for easy visibility.
 - a. Inside Security Indicator: Provide indicator above cylinder or thumbturn for visibility during lockdown that identifies the outside trim as locked/unlocked status of the door.
 - b. Outside Occupancy Indicator: Provide indicator above cylinder or emergency release for visibility while operating the lock that identifies an occupied/unoccupied status of the lock or latch.
3. Provide locks manufactured from heavy gauge steel, containing components of steel with a zinc dichromate plating for corrosion resistance.
4. Provide lock case that is multi-function and field reversible for handing without opening case. Cylinders: Refer to "KEYING" article, herein.
5. Install thumb turns so they are in vertical position when doors are unlocked and in horizontal position when doors are locked.
6. Provide locks with standard 2-3/4 inches (70 mm) backset with full 3/4 inch (19 mm) throw stainless steel mechanical anti-friction latchbolt. Provide deadbolt with full 1 inch (25 mm) throw, constructed of stainless steel.
7. Provide standard ASA strikes unless extended lip strikes are necessary to protect trim.

8. Provide electrified options as scheduled in the hardware sets. Where scheduled, provide switches and sensors integrated into the locks and latches.
 - a. Universal input voltage – single chassis accepts 12 or 24V DC to allow for changes in the field without changing lock chassis.
 - b. Fail Safe/Fail Secure – changing mode between electrically locked (fail safe) and electrically unlocked (fail secure) is field selectable without opening the lock case
 - c. Low maximum current draw – maximum 0.4 amps to allow for multiple locks on a single power supply.
 - d. Low holding current – maximum 0.01 amps to produce minimal heat, eliminate “hot levers” in electrically locked applications, and to provide reliable operation in wood doors that provide minimal ventilation and air flow.
 - e. Connections – provide quick-connect Molex system standard.
9. Provide locks with a key override feature built into the chassis that allows the outside key to retract the deadbolt and/or latchbolt, overriding the inside thumbturn when it is being held in the locked position - where the XL13-439 option is specified in the hardware sets.
10. Lever Trim: Solid brass, bronze, or stainless steel, cast or forged in design specified, with wrought roses and external lever spring cages. Provide thru-bolted levers with 2-piece spindles.
 - a. **Lever Design: 03N**

2.9 POWER SUPPLIES

- A. Manufacturers and Products:
 1. Scheduled Manufacturer and Product:
 - a. Schlage/Von Duprin PS900 Series
 2. Acceptable Manufacturers and Products:
 - a. No Substitute
- B. Requirements:
 1. Provide power supplies approved by manufacturer of supplied electrified hardware.
 2. Provide appropriate quantity of power supplies necessary for proper operation of electrified locking components as recommended by manufacturer of electrified locking components with consideration for each electrified component using power supply, location of power supply, and approved wiring diagrams. Locate power supplies as directed by Architect.
 3. Provide regulated and filtered 24 VDC power supply, and UL class 2 listed.

4. Provide power supplies with the following features:
 - a. 12/24 VDC Output, field selectable.
 - b. Class 2 Rated power limited output.
 - c. Universal 120-240 VAC input.
 - d. Low voltage DC, regulated and filtered.
 - e. Polarized connector for distribution boards.
 - f. Fused primary input.
 - g. AC input and DC output monitoring circuit w/LED indicators.
 - h. Cover mounted AC Input indication.
 - i. Tested and certified to meet UL294.
 - j. NEMA 1 enclosure.
 - k. Hinged cover w/lock down screws.
 - l. High voltage protective cover.

2.10 CYLINDERS

A. Manufacturers:

1. Scheduled Manufacturer and Product:
 - a. Best. Match Owner's existing system.
2. Acceptable Manufacturers and Products:
 - a. No Substitute

B. Requirements:

1. Provide cylinders/cores to match Owner's existing key system, compliant with ANSI/BHMA A156.5; latest revision; cylinder face finished to match lockset, manufacturer's series as indicated. Refer to "KEYING" article, herein.

2.11 Keying

A. Scheduled System:

1. Existing factory registered system:
 - a. Provide cylinders/cores keyed into Owner's existing factory registered keying system. Comply with guidelines in ANSI/BHMA A156.28, incorporating decisions made at keying conference.

B. Requirements:

1. Construction Keying:
 - a. Replaceable Construction Cores.
 - 1) Provide temporary construction cores replaceable by permanent cores, furnished in accordance with the following requirements.
 - a) 3 construction control keys
 - b) 12 construction change (day) keys.
 - 2) Owner or Owner's Representative will replace temporary construction cores with permanent cores.

2. Permanent Keying:
 - a. Provide permanent cylinders/cores keyed by the manufacturer according to the following key system.
 - 1) Master Keying system as directed by the Owner.
 - b. Forward bitting list and keys separately from cylinders, by means as directed by Owner. Failure to comply with forwarding requirements will be cause for replacement of cylinders/cores involved at no additional cost to Owner.
 - c. Provide keys with the following features:
 - 1) Material: Nickel silver; minimum thickness of .107-inch (2.3mm)
 - 2) Patent Protection: Keys and blanks protected by one or more utility patent(s).
 - d. Identification:
 - 1) Mark permanent cylinders/cores and keys with applicable blind code for identification. Do not provide blind code marks with actual key cuts.
 - 2) Identification stamping provisions must be approved by the Architect and Owner.
 - 3) Stamp cylinders/cores and keys with Owner's unique key system facility code as established by the manufacturer; key symbol and embossed or stamped with "DO NOT DUPLICATE" along with the "PATENTED" or patent number to enforce the patent protection.
 - 4) Failure to comply with stamping requirements will be cause for replacement of keys involved at no additional cost to Owner.
 - 5) Forward permanent cylinders/cores to Owner, separately from keys, by means as directed by Owner.
 - e. Quantity: Furnish in the following quantities.
 - 1) Permanent Control Keys: 3.
 - 2) Master Keys: 6.
 - 3) Change (Day) Keys: 3 per cylinder/core that is keyed differently
 - 4) Key Blanks: Quantity as determined in the keying meeting.

2.12 Key Control System

- A. Manufacturers:
 1. Scheduled Manufacturer: Telkee.
 2. Acceptable Manufacturers: HPC, Lund.
- B. Requirements:
 1. Provide key control system, including envelopes, labels, tags with self-locking key clips, receipt forms, 3-way visible card index, temporary markers, permanent markers, and standard metal cabinet, all as recommended by system manufacturer, with capacity for 150% of number of locks required for Project.

- a. Provide complete cross index system set up by hardware supplier, and place keys on markers and hooks in cabinet as determined by final key schedule.
- b. Provide hinged-panel type cabinet for wall mounting.

2.13 Door Closers

A. Manufacturers and Products:

1. Scheduled Manufacturer and Product: LCN 4040XP series.
2. Acceptable Manufacturers and Products: No Substitutions – Facility Standard.

B. Requirements:

1. Provide door closers conforming to ANSI/BHMA A156.4 Grade 1 requirements by BHMA certified independent testing laboratory. ISO 9000 certify closers. Stamp units with date of manufacture code.
2. Provide door closers with fully hydraulic, full rack and pinion action with high strength cast iron cylinder, and full complement bearings at shaft.
3. Cylinder Body: 1-1/2 inch (38 mm) diameter with 3/4 inch (19 mm) diameter double heat-treated pinion journal.
4. Hydraulic Fluid: Fireproof, passing requirements of UL10C, and requiring no seasonal closer adjustment for temperatures ranging from 120 degrees F to -30 degrees F.
5. Spring Power: Continuously adjustable over full range of closer sizes, and providing reduced opening force as required by accessibility codes and standards.
6. Hydraulic Regulation: By tamper-proof, non-critical valves, with separate adjustment for latch speed, general speed, and backcheck.
7. Provide closers with solid forged steel main arms and factory assembled heavy-duty forged forearms for parallel arm closers.
8. Pressure Relief Valve (PRV) Technology: Not permitted.
9. Finish for Closer Cylinders, Arms, Adapter Plates, and Metal Covers: Powder coating finish which has been certified to exceed 100 hours salt spray testing as described in ANSI Standard A156.4 and ASTM B117, or has special rust inhibitor (SRI).
10. Provide special templates, drop plates, mounting brackets, or adapters for arms as required for details, overhead stops, and other door hardware items interfering with closer mounting.
11. Closers shall be capable of being upgraded by adding modular mechanical or electronic components in the field.

2.14 Magnetic Hold-Opens

A. Manufacturers:

1. Scheduled Manufacturer:

- a. LCN SEM7800 Series
- 2. Acceptable Manufacturers:
 - a. Norton
- B. Requirements:
 - 1. Provide wall or floor mounted electromagnetic door release as specified with minimum of 25 pounds of holding force. Coordinate projection of holder and armature with other hardware and wall conditions to ensure that door sits parallel to wall when fully open. Connect magnetic holders on fire-rated doors into the fire control panel for fail-safe operation

2.15 Electro-Hydraulic Automatic Operators

- A. Manufacturers and Products:
 - 1. Scheduled Manufacturer and Product: LCN 4600 Series.
 - 2. Acceptable Manufacturers and Products: No Substitutions – Facility Standard.
- B. Requirements:
 - 1. Provide low energy automatic operator units with hydraulic closer complying with ANSI/BHMA A156.19.
 - 2. Hydraulic Fluid: Fireproof, passing requirements of UL10C, and requiring no seasonal closer adjustment for temperatures ranging from 120 degrees F to -30 degrees F.
 - 3. Provide units with conventional door closer opening and closing forces unless power operator motor is activated. Provide door closer assembly with adjustable spring size, back-check, and opening and closing speed adjustment valves to control door
 - 4. Provide units with on/off switch for manual operation, motor start up delay, vestibule interface delay, electric lock delay, and door hold open delay.
 - 5. Provide units with conventional door closer opening and closing forces unless power operator motor is activated. Provide door closer assembly with adjustable spring size, back-check valve, sweep valve, latch valve to control door.
 - 6. Provide drop plates, brackets, or adapters for arms as required for details.
 - 7. Provide weather-resistant actuators at exterior applications.
 - 8. Provide key switches with LED's, recommended and approved by manufacturer of automatic operator as required for function described in operation description of hardware group below. Cylinders: Refer to "KEYING" article, herein.
 - 9. Provide complete assemblies of controls, switches, power supplies, relays, and parts/material recommended and approved by manufacturer of automatic operator for each individual leaf. Actuators control both doors simultaneously at pairs. Sequence operation of exterior and vestibule doors with automatic operators to allow ingress or egress through both sets of openings as directed by Architect. Locate actuators, key switches, and other controls as directed by Architect.

10. Provide units with vestibule inputs that allow sequencing operation of two units, and SPDT relay for interfacing with latching or locking devices.

2.16 Door Trim

- A. Manufacturers:
 1. Scheduled Manufacturer: Ives.
 2. Acceptable Manufacturers: Rockwood, Trimco.
- B. Requirements:
 1. Provide push plates, push bars, pull plates, pulls, and hands-free reversible door pulls with diameter and length as scheduled.

2.17 Protection Plates

- A. Manufacturers:
 1. Scheduled Manufacturer: Ives.
 2. Acceptable Manufacturers: Rockwood, Trimco.
- B. Requirements:
 1. Provide kick plates, mop plates, and armor plates minimum of 0.050 inch (1 mm) thick, beveled four edges as scheduled. Furnish with sheet metal or wood screws, finished to match plates.
 2. Sizes of plates:
 - a. Kick Plates: 10 inches (254 mm) high by 2 inches (51 mm) less width of door on single doors, 1 inch (25 mm) less width of door on pairs
 - b. Mop Plates: 4 inches (102 mm) high by 2 inches (51 mm) less width of door on single doors, 1 inch (25 mm) less width of door on pairs
 - c. Armor Plates: 36 inches (914 mm) high by 2 inches (51 mm) less width of door on single doors, 1 inch (25 mm) less width of door on pairs

2.18 Overhead Stops And Overhead Stop/Holders

- A. Manufacturers:
 1. Scheduled Manufacturers:
 - a. Glynn-Johnson
 2. Acceptable Manufacturers:
 - a. Rixson
 - b. ABH
- B. Requirements:
 1. Provide overhead stop at any door where conditions do not allow for a wall stop or floor stop presents tripping hazard.

2.19 Door Stops And Holders

- A. Manufacturers:
 - 1. Scheduled Manufacturer: Ives.
 - 2. Acceptable Manufacturers: Rockwood, Trimco.
- B. Provide door stops at each door leaf:
 - 1. Provide wall stops wherever possible. Provide convex type where mortise type locks are used and concave type where cylindrical type locks are used.
 - 2. Where a wall stop cannot be used, provide universal floor stops for low or high rise options.
 - 3. Where wall or floor stop cannot be used, provide medium duty surface mounted overhead stop.
 - 4. Provide roller bumper where doors open into each other and overhead stop cannot be used.

2.20 Thresholds, Seals, Door Sweeps, Automatic Door Bottoms, And Gasketing

- A. Manufacturers:
 - 1. Scheduled Manufacturer: Zero International.
 - 2. Acceptable Manufacturers: National Guard, Reese.
- B. Seals and Gasketing: Provide continuous gasketing on exterior openings, to the head and jambs, forming a continuous seal between the door and the frame. Provide smoke, light, or sound gasketing on interior doors where indicated.
 - 1. Provide self-tapping fasteners for aluminum extruded gasketing being applied to hollow metal frames.
 - a. Provide non-corrosive fasteners for all exterior applications.
 - b. Provide security fasteners where indicated.
 - 2. Provide neoprene, EPDM, silicone, or nylon brush inserts as specified in hardware sets. Provide non brush inserts of solid or sponge cell, as specified in hardware sets. Vinyl inserts are not allowed except where specified in hardware sets.
- C. Smoke Labeled Gasketing: At all smoke labeled openings, provide smoke listed perimeter gasketing assemblies complying with NFPA 105 listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction for smoke control ratings indicated based on testing according to UL 1784.
- D. Fire Listed Gasketing: Assemblies complying with NFPA 80 that are listed by a testing and inspecting agency acceptable to authorities having jurisdiction for fire ratings indicated based on testing according to UL-10C.
 - 1. Where frame-applied intumescent seals are required by the manufacturer, provide gaskets that comply with UL10C Standard for Positive Pressure Fire Tests of Door Assemblies and UBC 7-2, Fire Tests of Door Assemblies.

- E. Sound-Rated Gasketing: Provide acoustic gasketing to meet Sound Transmission Class (STC) rating required.
- F. Meeting-Stile Gasketing: Provide meeting-stile gasketing that fastens to the meeting stiles forming a continuous seal when doors are closed.
- G. Door Sweeps or Shoes: Apply to the bottom of the door to close the gap between the door bottom and finished floor or saddle threshold.
 - 1. Provide solid neoprene, EPDM, silicone, or nylon brush type of seal as specified in hardware sets. Vinyl inserts are not allowed except where specified in hardware sets.
- H. Automatic Door Bottoms:
 - 1. Provide closed cell sponge, bulb neoprene, or EPDM type of seal as specified in hardware sets.
 - 2. Door bottom to be mortised, semi mortised, or surface mount as with a minimum thickness as specified in hardware sets.
- I. Rain Drips:
 - 1. Provide overhead rain drips for out-swinging hollow metal doors that are not covered against 45 degree blowing rain. Aluminum extrusion to be a minimum of .088 inches thick and extend 2.50 inches from the face of the frame, in anodized finish to match door.
 - 2. Door sweeps or shoes with integral rain drip must meet ADA requirements
- J. Thresholds: Provide threshold units not less than 4 inches wide, formed to accommodate change in floor elevation where indicated, and fabricated to accommodate door hardware and fit door frames.
 - 1. Threshold extrusion to be a minimum thickness as specified in hardware sets.

2.21 Roller Latches

- A. Manufacturers:
 - 1. Scheduled Manufacturer:
 - a. Ives
 - 2. Acceptable Manufacturers:
 - a. Trimco
 - b. Rockwood
- B. Requirements:
 - 1. Provide roller latches with 4-7/8 inches (124 mm) strike at single doors to fit ANSI frame prep. If dummy levers are used in conjunction with roller latch mount roller latch at a height as to not interfere with proper mounting and height of dummy lever.

2. Provide roller latches with 2-1/4 inches (57 mm) full lip strike at pair doors. Mount roller in top rail of each leaf per manufacturer's template.

2.22 Silencers

- A. Manufacturers:
 1. Scheduled Manufacturer: Ives.
 2. Acceptable Manufacturers: Rockwood, Trimco.
- B. Requirements:
 1. Provide "push-in" type silencers for hollow metal or wood frames.
 2. Provide one silencer per 30 inches (762 mm) of height on each single frame, and two for each pair frame.
 3. Omit where gasketing is specified.

2.23 Door Position Switches

- A. Manufacturers:
 1. Scheduled Manufacturer: Schlage.
 2. Acceptable Manufacturers: GE-Interlogix.
- B. Requirements:
 1. Provide recessed or surface mounted type door position switches as specified.
 2. Coordinate door and frame preparations with door and frame suppliers. If switches are being used with magnetic locking device, provide minimum of 4 inches between switch and magnetic locking device.

2.24 Finishes

- A. FINISH: BHMA 626/652 (US26D); EXCEPT:
 1. Hinges at Exterior Doors: BHMA 630 (US32D)
 2. Aluminum Geared Continuous Hinges: BHMA 628 (US28)
 3. Push Plates, Pulls, and Push Bars: BHMA 630 (US32D)
 4. Protection Plates: BHMA 630 (US32D)
 5. Overhead Stops and Holders: BHMA 630 (US32D)
 6. Door Closers: Powder Coat to Match
 7. Wall Stops: BHMA 630 (US32D)
 8. Latch Protectors: BHMA 630 (US32D)
 9. Weatherstripping: Clear Anodized Aluminum
 10. Thresholds: Mill Finish Aluminum

- B. FINISH: BHMA 643E/716 (US11); EXCEPT:
1. Door Closers: Powder Coat to Match.
 2. Weatherstripping: Dark Bronze Anodized Aluminum.
 3. Thresholds: Extruded Architectural Bronze, Oil-Rubbed

3 Execution

3.1 Examination

- A. Prior to installation of hardware, examine doors and frames, with Installer present, for compliance with requirements for installation tolerances, labeled fire-rated door assembly construction, wall and floor construction, and other conditions affecting performance.
- B. Examine roughing-in for electrical power systems to verify actual locations of wiring connections before electrified door hardware installation.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 Installation

- A. Mount door hardware units at heights to comply with the following, unless otherwise indicated or required to comply with governing regulations.
 1. Standard Steel Doors and Frames: ANSI/SDI A250.8.
 2. Custom Steel Doors and Frames: HMMA 831.
 3. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."
 4. Installation Guide for Doors and Hardware: DHI TDH-007-20.
- B. Install door hardware in accordance with NFPA 80, NFPA 101 and provide post-install inspection, testing as specified in section 1.03.E unless otherwise required to comply with governing regulations.
- C. Install each hardware item in compliance with manufacturer's instructions and recommendations, using only fasteners provided by manufacturer.
- D. Do not install surface mounted items until finishes have been completed on substrate. Protect all installed hardware during painting.
- E. Set units level, plumb and true to line and location. Adjust and reinforce attachment substrate as necessary for proper installation and operation.
- F. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.
- G. Install operating parts so they move freely and smoothly without binding, sticking, or excessive clearance.
- H. Hinges: Install types and in quantities indicated in door hardware schedule but not fewer than quantity recommended by manufacturer for application indicated or one hinge for every 30 inches (750 mm) of door height, whichever is more stringent, unless other equivalent means of support for door, such as spring hinges or pivots, are provided.

- I. Lock Cylinders: Install construction cores to secure building and areas during construction period.
 - 1. Replace construction cores with permanent cores as indicated in keying section.
 - 2. Furnish permanent cores to Owner for installation.
- J. Wiring: Coordinate with Division 26, ELECTRICAL sections for:
 - 1. Conduit, junction boxes and wire pulls.
 - 2. Connections to and from power supplies to electrified hardware.
 - 3. Connections to fire/smoke alarm system and smoke evacuation system.
 - 4. Connection of wire to door position switches and wire runs to central room or area, as directed by Architect.
 - 5. Testing and labeling wires with Architect's opening number.
- K. Key Control System: Tag keys and place them on markers and hooks in key control system cabinet, as determined by final keying schedule.
- L. Door Closers: Mount closers on room side of corridor doors, inside of exterior doors, and stair side of stairway doors from corridors. Mount closers so they are not visible in corridors, lobbies and other public spaces unless approved by Architect.
- M. Closer/Holders: Mount closer/holders on room side of corridor doors, inside of exterior doors, and stair side of stairway doors.
- N. Power Supplies: Locate power supplies as indicated or, if not indicated, above accessible ceilings or in equipment room, or alternate location as directed by Architect.
- O. Thresholds: Set thresholds in full bed of sealant complying with requirements specified in Division 07 Section "Joint Sealants."
- P. Stops: Provide floor stops for doors unless wall or other type stops are indicated in door hardware schedule. Do not mount floor stops where they may impede traffic or present tripping hazard.
- Q. Perimeter Gasketing: Apply to head and jamb, forming seal between door and frame. Install door hardware in accordance with NFPA 80, NFPA 101 and provide post-install inspection, testing as specified in section 1.03.E unless otherwise required to comply with governing regulations.
- R. Meeting Stile Gasketing: Fasten to meeting stiles, forming seal when doors are closed.
- S. Door Bottoms and Sweeps: Apply to bottom of door, forming seal with threshold when door is closed.

3.3 Adjusting

- A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.
 - 1. Door Closers: Adjust sweep period to comply with accessibility requirements and requirements of authorities having jurisdiction.

- B. Occupancy Adjustment: Approximately three to six months after date of Substantial Completion, Installer's Architectural Hardware Consultant must examine and readjust each item of door hardware, including adjusting operating forces, as necessary to ensure function of doors and door hardware.

3.4 Cleaning And Protection

- A. Clean adjacent surfaces soiled by door hardware installation.
- B. Clean operating items as necessary to restore proper function and finish.
- C. Provide final protection and maintain conditions that ensure door hardware is without damage or deterioration at time of Substantial Completion.

3.5 Demonstration

- A. Provide training for Owner's maintenance personnel to adjust, operate, and maintain door hardware and door hardware finishes. Refer to Division 01 Section "Demonstration and Training."

3.6 Door Hardware Schedule

- A. The intent of the hardware specification is to specify the hardware for interior and exterior doors, and to establish a type, continuity, and standard of quality. However, it is the door hardware supplier's responsibility to thoroughly review existing conditions, schedules, specifications, drawings, and other Contract Documents to verify the suitability of the hardware specified.
- B. Discrepancies, conflicting hardware, and missing items are to be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application.
- C. Hardware items are referenced in the following hardware schedule. Refer to the above specifications for special features, options, cylinders/keying, and other requirements.
- D. Hardware Sets:

HARDWARE GROUP NO. 01

A121

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	PASSAGE SET	L9010 03N	626	SCH
1	EA	WALL STOP	WS406/407CCV	626	IVE
3	EA	SILENCER	SR64	GRY	IVE

HARDWARE GROUP NO. 02

A106B

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	PASSAGE SET	L9010 03N	626	SCH
1	EA	OH STOP & HOLDER	100F ADJ	630	GLY
3	EA	SILENCER	SR64	GRY	IVE

HARDWARE GROUP NO. 03

A101B

PROVIDE EACH PR DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
6	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
2	EA	ROLLER LATCH	RL30	626	IVE
2	EA	FULL DUMMY TRIM	L0172 03N	626	SCH
1	EA	OH STOP & HOLDER	90F	630	GLY
1	EA	WALL STOP	WS406/407CCV	626	IVE

HARDWARE GROUP NO. 04

A111 A112 A113 A114

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	PRIVACY LOCK W/ OUTSIDE INDICATOR	L9040 03N 09-544 OS-OCC	626	SCH
1	EA	SURFACE CLOSER	4040XP RW/PA	689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CCV	626	IVE
1	EA	GASKETING	488SCL PSA	CL	ZER

HARDWARE GROUP NO. 05

A106A A108 A109 A117A A117B A118
A123 A124 A131 A132 A133

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	OFFICE W/SIM RETRACT	L9056BD 03N 09-544	626	SCH
1	EA	PERMANENT CORE	1C AS REQUIRED	626	BES
1	EA	WALL STOP	WS406/407CCV	626	IVE
3	EA	SILENCER	SR64	GRY	IVE

HARDWARE GROUP NO. 06

A122 A126

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	CLASSROOM LOCK	L9070BD 03N	626	SCH
1	EA	PERMANENT CORE	1C AS REQUIRED	626	BES
1	EA	WALL STOP	WS406/407CCV	626	IVE
3	EA	SILENCER	SR64	GRY	IVE

HARDWARE GROUP NO. 07

A103

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	CLASSROOM LOCK	L9070BD 03N	626	SCH
1	EA	PERMANENT CORE	1C AS REQUIRED	626	BES
1	EA	OH STOP & HOLDER	90F	630	GLY
3	EA	SILENCER	SR64	GRY	IVE

HARDWARE GROUP NO. 08

A127B A128

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	STOREROOM LOCK	L9080BD 03N	626	SCH
1	EA	PERMANENT CORE	1C AS REQUIRED	626	BES
1	EA	SURFACE CLOSER	4040XP RW/PA	689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CCV	626	IVE
3	EA	SILENCER	SR64	GRY	IVE

HARDWARE GROUP NO. 09

A115B

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	POWER TRANSFER	EPT10	695	VON
1	EA	EU MORTISE LOCK	L9092BDEU 03N CON 12/24 VDC	626	SCH
1	EA	PERMANENT CORE	1C AS REQUIRED	626	BES
1	EA	SURFACE CLOSER	4040XP SCUSH	689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW B-CS	630	IVE
3	EA	SILENCER	SR64	GRY	IVE
1	EA	FIRST RESPONDER CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		
1	EA	CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		B/O
1	EA	POWER SUPPLY	PS900 SERIES [COORDINATE SIZE AND OPTION BOARD WITH ACCESS CONTROL]		VON

CREDENTIAL READER DEVICE IS TO RELEASE THE O/S LEVER ALLOWING THE DOOR TO BE OPENED. IMMEDIATE EGRESS IS ALWAYS AVAILABLE. KEYED INGRESS IS ALSO AVAILABLE.

ITEMS TO BE PROVIDED BY THE DIVISION 28 SUPPLIER:

CREDENTIAL READER DEVICES.

REQUIRED WIRING TO THE PS902 POWER SUPPLY, THE ELECTRIFIED LOCK ITSELF.

HARDWARE GROUP NO. 10

A127A

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA	CONT. HINGE	224XY EPT	628	IVE
1	EA	POWER TRANSFER	EPT10	689	VON
1	EA	EU MORTISE LOCK	L9092BDEU 03N RX CON 12/24 VDC	626	SCH
1	EA	PERMANENT CORE	1C AS REQUIRED	626	BES
1	EA	SURFACE CLOSER	4040XP SCUSH	689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW B-CS	630	IVE
1	EA	RAIN DRIP	142AA	AA	ZER
1	SET	GASKETING	328AA-S JAMB SEAL SET	AA	ZER
1	EA	GASKETING	429AA HEAD SEAL	AA	ZER
			MOUNT PRIOR TO ANY HEAD		
			MOUNTED HARDWARE		
1	EA	DOOR SWEEP	39A	A	ZER
1	EA	THRESHOLD	566A-V3-223	A	ZER
1	EA	CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		B/O
1	EA	DOOR CONTACT	679-05HM/679-05WD AS REQ'D (BY ACCESS CONTROL PROVIDER)	BLK	SCE
1	EA	POWER SUPPLY	PS900 SERIES [COORDINATE SIZE AND OPTION BOARD WITH ACCESS CONTROL]		VON

CREDENTIAL READER DEVICE IS TO RELEASE THE O/S LEVER AND SHUNT ANY ALARM ASSOCIATED WITH THE DOOR CONTACT ALLOWING THE DOOR TO BE OPENED. IMMEDIATE EGRESS IS ALWAYS AVAILABLE. KEYED INGRESS IS ALSO AVAILABLE.

ITEMS TO BE PROVIDED BY THE DIVISION 28 SUPPLIER:

CREDENTIAL READER DEVICES.

REQUIRED WIRING TO THE PS902 POWER SUPPLY, THE ELECTRIFIED LOCK ITSELF.

HARDWARE GROUP NO. 11

A130A

PROVIDE EACH PR DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
6	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	POWER TRANSFER	EPT10	695	VON
1	EA	AUTO FLUSH BOLT	FB31T/FB41T (AS REQ'D)	630	IVE
1	EA	EU MORTISE LOCK	L9092BDEU 03N CON 12/24 VDC	626	SCH
1	EA	PERMANENT CORE	1C AS REQUIRED	626	BES
1	EA	COORDINATOR	COR X FL X MB - AS REQ.	628	IVE
2	EA	SURFACE CLOSER	4040XP EDA	689	LCN
2	EA	KICK PLATE	8400 10" X 1" LDW B-CS	630	IVE
2	EA	WALL STOP/HOLDER	WS40	626	IVE
3	EA	SILENCER	SR64	GRY	IVE
1	EA	FIRST RESPONDER CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		
1	EA	CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		B/O
1	EA	POWER SUPPLY	PS900 SERIES [COORDINATE SIZE AND OPTION BOARD WITH ACCESS CONTROL]		VON

CREDENTIAL READER DEVICE IS TO RELEASE THE O/S LEVER ALLOWING THE DOOR TO BE OPENED. IMMEDIATE EGRESS IS ALWAYS AVAILABLE. KEYED INGRESS IS ALSO AVAILABLE.

ITEMS TO BE PROVIDED BY THE DIVISION 28 SUPPLIER:

CREDENTIAL READER DEVICES.

REQUIRED WIRING TO THE PS902 POWER SUPPLY, THE ELECTRIFIED LOCK ITSELF.

HARDWARE GROUP NO. 12

A119C A125C

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	POWER TRANSFER	EPT10	695	VON
1	EA	EU MORTISE LOCK	L9095BDEU 03N CON 12/24 VDC	626	SCH
2	EA	PERMANENT CORE	1C AS REQUIRED	626	BES
1	EA	SURFACE CLOSER	4040XP EDA	689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW B-CS	630	IVE
1	EA	MAGNET	SEM7830 12V/24V/120V	689	LCN
3	EA	SILENCER	SR64	GRY	IVE
2	EA	FIRST RESPONDER CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		
2	EA	CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		B/O
1	EA	POWER SUPPLY	PS900 SERIES [COORDINATE SIZE AND OPTION BOARD WITH ACCESS CONTROL]		VON

EITHER CREDENTIAL READER DEVICE IS TO RELEASE THE RESPECTIVE LEVER ALLOWING THE DOOR TO BE OPENED. KEYED INGRESS AND EGRESS IS ALSO AVAILABLE.

MAGNETIC HOLD OPEN IS TO BE TIED TO HORC STATIONS LOCATED IN ROOMS A106, A109 AND A117.

ITEMS TO BE PROVIDED BY THE DIVISION 28 SUPPLIER:

CREDENTIAL READER DEVICES.

REQUIRED WIRING TO THE PS902 POWER SUPPLY, THE ELECTRIFIED LOCK ITSELF.

HARDWARE GROUP NO. 13

A101A

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	POWER TRANSFER	EPT10	695	VON
1	EA	EU MORTISE LOCK	L9095BDEU 03N CON 12/24 VDC	626	SCH
2	EA	PERMANENT CORE	1C AS REQUIRED	626	BES
1	EA	SURFACE CLOSER	4040XP REG	689	LCN
1	EA	KICK PLATE	8400 10" X 1 1/2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CCV	626	IVE
3	EA	SILENCER	SR64	GRY	IVE
2	EA	FIRST RESPONDER CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		
2	EA	CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		B/O
1	EA	POWER SUPPLY	PS900 SERIES [COORDINATE SIZE AND OPTION BOARD WITH ACCESS CONTROL]		VON

EITHER CREDENTIAL READER DEVICE IS TO RELEASE THE RESPECTIVE LEVER ALLOWING THE DOOR TO BE OPENED. KEYED INGRESS AND EGRESS IS ALSO AVAILABLE.

ITEMS TO BE PROVIDED BY THE DIVISION 28 SUPPLIER:

CREDENTIAL READER DEVICES.

REQUIRED WIRING TO THE PS902 POWER SUPPLY, THE ELECTRIFIED LOCK ITSELF.

HARDWARE GROUP NO. 14

A119B

PROVIDE EACH PR DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
2	EA	CONT. HINGE	112XY	710	IVE
2	EA	PUSH/PULL BAR	9190EZHD-10"-NO	695	IVE
2	EA	SURFACE CLOSER	4040XP EDA	695	LCN
2	EA	PA MOUNTING PLATE	4040XP-18PA AS REQ'D	695	LCN
2	EA	CUSH SHOE SUPPORT	4040XP-30 AS REQ'D	695	LCN
2	EA	BLADE STOP SPACER	4040XP-61 AS REQ'D	695	LCN
2	EA	WALL STOP	WS406/407CCV	643E/71 6	IVE
1	EA		WEATHERSTRIP BY DOOR/FRAME MANUFACTURER		

HARDWARE GROUP NO. 15

A134A

PROVIDE EACH PR DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
2	EA	CONT. HINGE	112XY	710	IVE
2	EA	PUSH/PULL BAR	9190EZHD-10"-NO	695	IVE
2	EA	SURFACE CLOSER	4040XP SCUSH	695	LCN
2	EA	PA MOUNTING PLATE	4040XP-18PA AS REQ'D	695	LCN
2	EA	CUSH SHOE SUPPORT	4040XP-30 AS REQ'D	695	LCN
2	EA	BLADE STOP SPACER	4040XP-61 AS REQ'D	695	LCN
1	EA	WEATHERSTRIP BY DOOR/FRAME MANUFACTURER			

HARDWARE GROUP NO. 16

A105B

A125B

A134B

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA	CONT. HINGE	112XY	710	IVE
1	EA	PUSH/PULL BAR	9190EZHD-10"-NO	695	IVE
1	EA	SURFACE CLOSER	4040XP EDA	695	LCN
1	EA	PA MOUNTING PLATE	4040XP-18PA AS REQ'D	695	LCN
1	EA	CUSH SHOE SUPPORT	4040XP-30 AS REQ'D	695	LCN
1	EA	BLADE STOP SPACER	4040XP-61 AS REQ'D	695	LCN
1	EA	WALL STOP	WS406/407CCV	643E/71 6	IVE
1	EA	WEATHERSTRIP BY DOOR/FRAME MANUFACTURER			

HARDWARE GROUP NO. 17

A110B

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA	CONT. HINGE	112XY	710	IVE
1	EA	PUSH/PULL BAR	9190EZHD-10"-NO	695	IVE
1	EA	SURF. AUTO OPERATOR	4642 MWMS 120 VAC	695	LCN
2	EA	ACTUATOR, TOUCH	8310-853T/8310-818T AS REQ'D	630	LCN
1	EA	WALL STOP	WS406/407CCV	643E/71 6	IVE
1	EA	WEATHERSTRIP BY DOOR/FRAME MANUFACTURER			

BOTH ACTUATORS ALWAYS ENABLED.

POWER FOR THE AUTO OPERATOR BY ELECTRICAL CONTRACTOR.

HARDWARE GROUP NO. 18

A105A A125A

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA	CONT. HINGE	112XY EPT	710	IVE
1	EA	POWER TRANSFER	EPT10	695	VON
1	EA	ELEC PANIC HARDWARE	RX-QEL-99-NL-OP-110MD 24 VDC	710	VON
1	EA	PERMANENT CORE	1C AS REQUIRED	606	BES
1	EA	RIM CYL HOUSING (SFIC)	80-116 (W/ DISP CONST CORE)	643E	SCH
1	EA	90 DEG OFFSET PULL	8190EZHD 10" O	695	IVE
1	EA	SURFACE CLOSER	4040XP SCUSH	695	LCN
1	EA	PA MOUNTING PLATE	4040XP-18PA AS REQ'D	695	LCN
1	EA	CUSH SHOE SUPPORT	4040XP-30 AS REQ'D	695	LCN
1	EA	BLADE STOP SPACER	4040XP-61 AS REQ'D	695	LCN
1	EA		WEATHERSTRIP BY DOOR/FRAME MANUFACTURER		
1	EA	DOOR SWEEP	39D	D	ZER
1	EA	THRESHOLD	655A-V3-223	A	ZER
1	EA	FIRST RESPONDER CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		
1	EA	CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		B/O
1	EA	DOOR CONTACT	679-05HM/679-05WD AS REQ'D (BY ACCESS CONTROL PROVIDER)	BLK	SCE
1	EA	POWER SUPPLY	PS900 SERIES [COORDINATE SIZE AND OPTION BOARD WITH ACCESS CONTROL]		VON

CREDENTIAL READER DEVICE IS TO RETRACT LATCH AND SHUNT ANY ALARM ASSOCIATED WITH THE DOOR CONTACT ALLOWING MANUAL INGRESS. FREE EGRESS IS ALWAYS AVAILABLE. KEYED INGRESS IS ALSO AVAILABLE.

ITEMS TO BE PROVIDED BY THE DIVISION 28 SUPPLIER:
 CREDENTIAL READER DEVICES.

REQUIRED WIRING TO THE DOOR CONTACT, THE PS902 POWER SUPPLY (WHICH POWERS THE QEL ELECTRIC LATCH RETRACTION FEATURE INSIDE THE PANIC HARDWARE), THE QEL ELECTRIC LATCH RETRACTION FEATURE INSIDE THE PANIC HARDWARE ITSELF.

HARDWARE GROUP NO. 19

A110A

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA	CONT. HINGE	112XY EPT	710	IVE
1	EA	POWER TRANSFER	EPT10	695	VON
1	EA	ELEC PANIC HARDWARE	RX-QEL-99-NL-OP-110MD 24 VDC	710	VON
1	EA	PERMANENT CORE	1C AS REQUIRED	606	BES
1	EA	RIM CYL HOUSING (SFIC)	80-116 (W/ DISP CONST CORE)	643E	SCH
1	EA	90 DEG OFFSET PULL	8190EZHD 10" O	695	IVE
1	EA	OH STOP	100SE	695	GLY
1	EA	SURF. AUTO OPERATOR	4642 MWMS 120 VAC	695	LCN
2	EA	ACTUATOR, TOUCH	8310-853T/8310-818T AS REQ'D	630	LCN
1	EA		WEATHERSTRIP BY DOOR/FRAME MANUFACTURER		
1	EA	DOOR SWEEP	39D	D	ZER
1	EA	THRESHOLD	655A-V3-223	A	ZER
1	EA	AIPHONE SYSTEM	AIPHONE SYSTEM REMOTE RELEASE BY ACCESS CONTROL PROVIDER		AIP
1	EA	FIRST RESPONDER CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		
1	EA	CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		B/O
1	EA	DOOR CONTACT	679-05HM/679-05WD AS REQ'D (BY ACCESS CONTROL PROVIDER)	BLK	SCE
1	EA	POWER SUPPLY	PS900 SERIES [COORDINATE SIZE AND OPTION BOARD WITH ACCESS CONTROL]		VON

CREDENTIAL READER DEVICE OR AIPHONE IS TO RETRACT LATCH AND SHUNT ANY ALARM ASSOCIATED WITH THE DOOR CONTACT AND ENABLE EXTERIOR ACTUATOR ALLOWING MANUAL OR AUTOMATIC INGRESS. FREE EGRESS IS ALWAYS AVAILABLE. PUSH SIDE ACTUATOR ALWAYS ENABLED. KEYED INGRESS IS ALSO AVAILABLE.

POWER FOR THE AUTO OPERATOR BY ELECTRICAL CONTRACTOR.

ITEMS TO BE PROVIDED BY THE DIVISION 28 SUPPLIER:

CREDENTIAL READER DEVICES.

AIPHONE SYSTEM.

REQUIRED WIRING TO THE DOOR CONTACT, THE PS902 POWER SUPPLY (WHICH POWERS THE QEL ELECTRIC LATCH RETRACTION FEATURE INSIDE THE PANIC HARDWARE), THE QEL ELECTRIC LATCH RETRACTION FEATURE INSIDE THE PANIC HARDWARE ITSELF.

HARDWARE GROUP NO. 20

A115A

PROVIDE EACH PR DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
6	EA	HINGE	5BB1HW 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
2	EA	POWER TRANSFER	EPT10	689	VON
1	EA	REMOVABLE MULLION	KR4954 STAB	689	VON
1	EA	ELEC PANIC HARDWARE	QEL-99-L-DT-03 24 VDC	626	VON
1	EA	ELEC PANIC HARDWARE	QEL-99-L-NL-03 24 VDC	626	VON
1	EA	MULLION STORAGE KIT	MT54	689	VON
2	EA	PERMANENT CORE	1C AS REQUIRED	626	BES
1	EA	SFIC MORTISE CYL.	80-102 X XQ11-948	626	SCH
1	EA	RIM CYL HOUSING (SFIC)	80-116 (W/ DISP CONST CORE)	626	SCH
2	EA	SURFACE CLOSER	4040XP SHCUSH	689	LCN
1	EA	FIRST RESPONDER CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		
1	EA	CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		B/O
1	EA	POWER SUPPLY	PS902 900-4R 120/240 VAC		VON
1	EA	DIAGRAM	ELEVATION		DLR
1	EA	DIAGRAM	POINT TO POINT		DLR

CREDENTIAL READER DEVICE IS TO RETRACT LATCHES ALLOWING MANUAL INGRESS. FREE EGRESS IS ALWAYS AVAILABLE. KEYED INGRESS IS ALSO AVAILABLE.

ITEMS TO BE PROVIDED BY THE DIVISION 28 SUPPLIER:

CREDENTIAL READER DEVICES.

REQUIRED FROM THE PS902 POWER SUPPLY (WHICH POWERS THE QEL ELECTRIC LATCH RETRACTION FEATURE INSIDE THE PANIC HARDWARE), THE QEL ELECTRIC LATCH RETRACTION FEATURE INSIDE THE PANIC HARDWARE ITSELF.

HARDWARE GROUP NO. 21

A119A A130B

PROVIDE EACH PR DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
2	EA	CONT. HINGE	112XY EPT	710	IVE
2	EA	POWER TRANSFER	EPT10	695	VON
1	EA	REMOVABLE MULLION	KR4954 STAB	695	VON
1	EA	ELEC PANIC HARDWARE	RX-QEL-99-EO 24 VDC	710	VON
1	EA	ELEC PANIC HARDWARE	RX-QEL-99-NL-OP-110MD 24 VDC	710	VON
1	EA	MULLION STORAGE KIT	MT54	695	VON
2	EA	PERMANENT CORE	1C AS REQUIRED	606	BES
1	EA	SFIC MORTISE CYL.	80-102	613	SCH
1	EA	SFIC RIM HOUSING	80-129	613	SCH
2	EA	90 DEG OFFSET PULL	8190EZHD 10" O	695	IVE
2	EA	SURFACE CLOSER	4040XP SCUSH	695	LCN
2	EA	PA MOUNTING PLATE	4040XP-18PA AS REQ'D	695	LCN
2	EA	CUSH SHOE SUPPORT	4040XP-30 AS REQ'D	695	LCN
2	EA	BLADE STOP SPACER	4040XP-61 AS REQ'D	695	LCN
2	EA	DOOR SWEEP	39D	D	ZER
1	EA	THRESHOLD	655A-V3-223	A	ZER
1	EA	FIRST RESPONDER CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		
1	EA	CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		B/O
2	EA	DOOR CONTACT	679-05HM/679-05WD AS REQ'D (BY ACCESS CONTROL PROVIDER)	BLK	SCE
1	EA	POWER SUPPLY	PS902 900-4R 120/240 VAC		VON
1	EA	DIAGRAM	ELEVATION		DLR
1	EA	DIAGRAM	POINT TO POINT		DLR
1			WEATHERSTRIP BY DOOR/FRAME MANUFACTURER		

CREDENTIAL READER DEVICE IS TO RETRACT LATCHES AND SHUNT ANY ALARM ASSOCIATED WITH THE DOOR CONTACTS ALLOWING MANUAL INGRESS. FREE EGRESS IS ALWAYS AVAILABLE. KEYED INGRESS IS ALSO AVAILABLE.

ITEMS TO BE PROVIDED BY THE DIVISION 28 SUPPLIER:

CREDENTIAL READER DEVICES.

REQUIRED WIRING TO THE DOOR CONTACTS, THE PS902 POWER SUPPLY (WHICH POWERS THE QEL ELECTRIC LATCH RETRACTION FEATURE INSIDE THE PANIC HARDWARE), THE QEL ELECTRIC LATCH RETRACTION FEATURE INSIDE THE PANIC HARDWARE ITSELF.

HARDWARE GROUP NO. 22

A116A

PROVIDE EACH PR DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
2	EA	CONT. HINGE	112XY EPT	710	IVE
2	EA	POWER TRANSFER	EPT10	695	VON
1	EA	ELEC PANIC HARDWARE	RX-QEL-99-EO 24 VDC	710	VON
1	EA	ELEC PANIC HARDWARE	RX-QEL-99-NL-OP-110MD 24 VDC	710	VON
1	EA	MULLION STORAGE KIT	MT54	695	VON
2	EA	PERMANENT CORE	1C AS REQUIRED	606	BES
1	EA	MORTISE CYL HOUSING (SFIC)	80-110 (W/ DISP CONST CORE)	643E	SCH
1	EA	RIM CYL HOUSING (SFIC)	80-116 (W/ DISP CONST CORE)	643E	SCH
2	EA	90 DEG OFFSET PULL	8190EZHD 10" O	695	IVE
1	EA	OH STOP	100SE	695	GLY
1	EA	SURFACE CLOSER	4040XP SCUSH	695	LCN
1	EA	SURF. AUTO OPERATOR	4642 MWMS 120 VAC	695	LCN
1	EA	PA MOUNTING PLATE	4040XP-18PA AS REQ'D	695	LCN
1	EA	CUSH SHOE SUPPORT	4040XP-30 AS REQ'D	695	LCN
1	EA	BLADE STOP SPACER	4040XP-61 AS REQ'D	695	LCN
2	EA	ACTUATOR, TOUCH	8310-853T/8310-818T AS REQ'D	630	LCN
1	EA		WEATHERSTRIP BY DOOR/FRAME MANUFACTURER		
1	EA	DOOR SWEEP	39D	D	ZER
2	EA	MEETING STILE	8195D	D	ZER
1	EA	THRESHOLD	655A-V3-223	A	ZER
1	EA	AIPHONE SYSTEM	AIPHONE SYSTEM REMOTE RELEASE BY ACCESS CONTROL PROVIDER		AIP
1	EA	FIRST RESPONDER CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		
1	EA	CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		B/O
1	EA	DOOR CONTACT	679-05HM/679-05WD AS REQ'D (BY ACCESS CONTROL PROVIDER)	BLK	SCE
1	EA	POWER SUPPLY	PS904 900-4RL 120/240 VAC	LGR	SCE

CREDENTIAL READER DEVICE OR AIPHONE IS TO RETRACT LATCHES AND SHUNT ANY ALARM ASSOCIATED WITH THE DOOR CONTACTS AND ENABLE EXTERIOR ACTUATOR ALLOWING MANUAL OR AUTOMATIC INGRESS. FREE EGRESS IS ALWAYS AVAILABLE. PUSH SIDE ACTUATOR ALWAYS ENABLED. KEYED INGRESS IS ALSO AVAILABLE.

POWER FOR THE AUTO OPERATOR BY ELECTRICAL CONTRACTOR.

ITEMS TO BE PROVIDED BY THE DIVISION 28 SUPPLIER:

CREDENTIAL READER DEVICES.

AIPHONE SYSTEM.

REQUIRED WIRING TO THE DOOR CONTACTS, THE PS902 POWER SUPPLY (WHICH POWERS THE QEL ELECTRIC LATCH RETRACTION FEATURE INSIDE THE PANIC HARDWARE), THE QEL ELECTRIC LATCH RETRACTION FEATURE INSIDE THE PANIC HARDWARE ITSELF.

HARDWARE GROUP NO. 23

A116B

PROVIDE EACH PR DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
2	EA	CONT. HINGE	112XY EPT	710	IVE
2	EA	POWER TRANSFER	EPT10	695	VON
1	EA	ELEC PANIC HARDWARE	QEL-99-EO 24 VDC	710	VON
1	EA	ELEC PANIC HARDWARE	QEL-99-NL-OP-110MD 24 VDC	710	VON
1	EA	MULLION STORAGE KIT	MT54	695	VON
2	EA	PERMANENT CORE	1C AS REQUIRED	606	BES
1	EA	MORTISE CYL HOUSING (SFIC)	80-110 (W/ DISP CONST CORE)	643E	SCH
1	EA	RIM CYL HOUSING (SFIC)	80-116 (W/ DISP CONST CORE)	643E	SCH
2	EA	90 DEG OFFSET PULL	8190EZHD 10" O	695	IVE
1	EA	OH STOP	100SE	695	GLY
1	EA	SURFACE CLOSER	4040XP SCUSH	695	LCN
1	EA	SURF. AUTO OPERATOR	4642 MWMS 120 VAC	695	LCN
1	EA	PA MOUNTING PLATE	4040XP-18PA AS REQ'D	695	LCN
1	EA	CUSH SHOE SUPPORT	4040XP-30 AS REQ'D	695	LCN
1	EA	BLADE STOP SPACER	4040XP-61 AS REQ'D	695	LCN
2	EA	ACTUATOR, TOUCH	8310-853T/8310-818T AS REQ'D	630	LCN
1	EA		WEATHERSTRIP BY DOOR/FRAME MANUFACTURER		
1	EA	FIRST RESPONDER CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		
1	EA	CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		B/O
1	EA	DESK MOUNT BUTTON	660-PB	628	SCE
1	EA	POWER SUPPLY	PS904 900-4RL 120/240 VAC	LGR	SCE

CREDENTIAL READER DEVICE OR BUZZER AT RECEPTIONS IS TO RETRACT LATCHES AND ENABLE EXTERIOR ACTUATOR ALLOWING MANUAL OR AUTOMATIC INGRESS. FREE EGRESS IS ALWAYS AVAILABLE. PUSH SIDE ACTUATOR ALWAYS ENABLED. KEYED INGRESS IS ALSO AVAILABLE.

POWER FOR THE AUTO OPERATOR BY ELECTRICAL CONTRACTOR.

ITEMS TO BE PROVIDED BY THE DIVISION 28 SUPPLIER:
 CREDENTIAL READER DEVICES.

REQUIRED WIRING TO THE DOOR CONTACTS, THE PS902 POWER SUPPLY (WHICH POWERS THE QEL ELECTRIC LATCH RETRACTION FEATURE INSIDE THE PANIC HARDWARE), THE QEL ELECTRIC LATCH RETRACTION FEATURE INSIDE THE PANIC HARDWARE ITSELF.

HARDWARE GROUP NO. 24

A101C

PROVIDE EACH PR DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
2	EA	CONT. HINGE	112XY EPT	710	IVE
2	EA	POWER TRANSFER	EPT10	695	VON
1	EA	ELEC PANIC HARDWARE	RX-QEL-99-EO 24 VDC	710	VON
1	EA	ELEC PANIC HARDWARE	RX-QEL-99-NL-OP-110MD 24 VDC	710	VON
1	EA	MULLION STORAGE KIT	MT54	695	VON
2	EA	PERMANENT CORE	1C AS REQUIRED	606	BES
1	EA	MORTISE CYL HOUSING (SFIC)	80-110 (W/ DISP CONST CORE)	643E	SCH
1	EA	RIM CYL HOUSING (SFIC)	80-116 (W/ DISP CONST CORE)	643E	SCH
2	EA	90 DEG OFFSET PULL	8190EZHD 10" O	695	IVE
1	EA	OH STOP	100SE	695	GLY
1	EA	SURFACE CLOSER	4040XP SCUSH	695	LCN
1	EA	SURF. AUTO OPERATOR	4642 MWMS 120 VAC	695	LCN
1	EA	PA MOUNTING PLATE	4040XP-18PA AS REQ'D	695	LCN
1	EA	CUSH SHOE SUPPORT	4040XP-30 AS REQ'D	695	LCN
1	EA	BLADE STOP SPACER	4040XP-61 AS REQ'D	695	LCN
2	EA	ACTUATOR, TOUCH	8310-853T/8310-818T AS REQ'D	630	LCN
1	EA		WEATHERSTRIP BY DOOR/FRAME MANUFACTURER		
1	EA	DOOR SWEEP	39D	D	ZER
2	EA	MEETING STILE	8195D	D	ZER
1	EA	THRESHOLD	655A-V3-223	A	ZER
1	EA	FIRST RESPONDER CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		
1	EA	CREDENTIAL READER	BY ACCESS CONTROL PROVIDER		B/O
1	EA	DOOR CONTACT	679-05HM/679-05WD AS REQ'D (BY ACCESS CONTROL PROVIDER)	BLK	SCE
1	EA	POWER SUPPLY	PS904 900-4RL 120/240 VAC	LGR	SCE

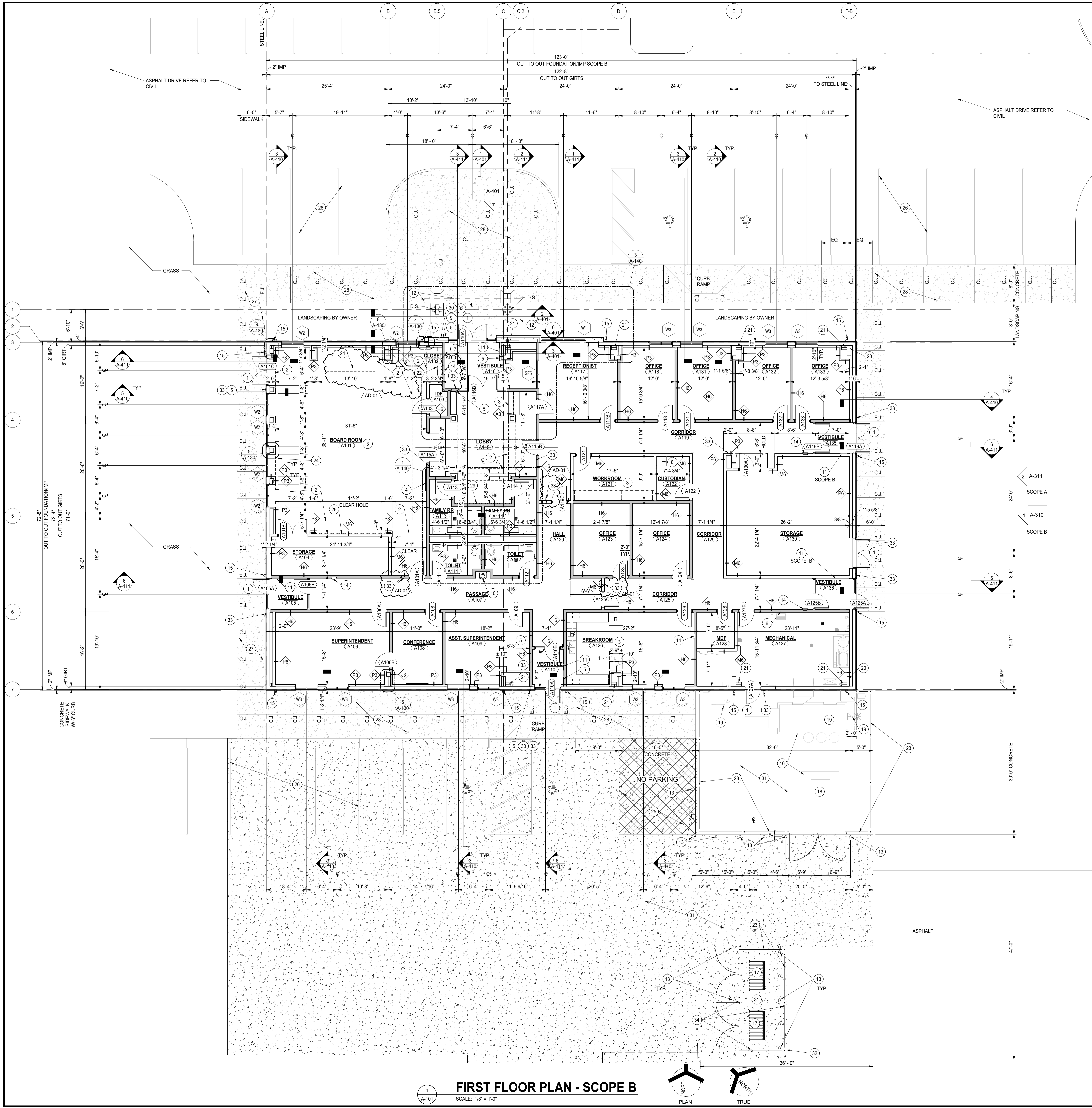
CREDENTIAL READER DEVICE IS TO RETRACT LATCHES AND SHUNT ANY ALARM ASSOCIATED WITH THE DOOR CONTACTS AND ENABLE EXTERIOR ACTUATOR ALLOWING MANUAL OR AUTOMATIC INGRESS. FREE EGRESS IS ALWAYS AVAILABLE. PUSH SIDE ACTUATOR ALWAYS ENABLED. KEYED INGRESS IS ALSO AVAILABLE.

POWER FOR THE AUTO OPERATOR BY ELECTRICAL CONTRACTOR.

ITEMS TO BE PROVIDED BY THE DIVISION 28 SUPPLIER:
 CREDENTIAL READER DEVICES.
 AIPHONE SYSTEM.

REQUIRED WIRING TO THE DOOR CONTACTS, THE PS902 POWER SUPPLY (WHICH POWERS THE QEL ELECTRIC LATCH RETRACTION FEATURE INSIDE THE PANIC HARDWARE), THE QEL ELECTRIC LATCH RETRACTION FEATURE INSIDE THE PANIC HARDWARE ITSELF.

END OF SECTION



GENERAL PLAN NOTES:

- FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. REFER TO G-SERIES SHEETS.
- PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY, PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.
- ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
- MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.
- THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
- HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
- VERIFY MOUNTING HEIGHTS OF ACCESSORIES, EQUIPMENT, CASEWORK, ETC. AND PROVIDE FIRE TREATED WOOD BLOCKING (OR METAL STRAPPS WHERE INDICATED) WITHIN METAL STUD WALLS FOR ALL WALL MOUNTED ITEMS.
- REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.
- INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.
- ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.
- PROVIDE SEALANT BETWEEN DISSIMILAR MATERIALS SUCH AS GYPSUM BOARD, MASONRY AND CONCRETE, COUNTERTOPS AND OTHER.
- REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION, AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.
- REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.
- REFER TO A-140 FOR ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

PLAN NOTES:

- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)
- CONCRETE STOOP/VOID SLAB. REFER TO STRUCTURAL DRAWINGS.
 - DASHED LINE INDICATES TYPICAL BULKHEAD. REFER TO SECTIONS AND REFLECTED CEILING PLANS. (ALL BULKHEADS MAY NOT BE INDICATED ON THIS PLAN)
 - CASEWORK AND/OR MILLWORK (TYPICAL). REFER TO EQUIPMENT PLANS.
 - DISPLAY/TV MONITOR (TYP). REFER TO EQUIPMENT PLANS.
 - PUSH PAD FOR ADA OPERATOR. REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
 - FIRE ALARM CONTROL PANEL. REFER TO ELECTRICAL DRAWINGS.
 - FIRE ALARM ANNUNCIATOR PANEL. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.
 - MOP SINK. REFER TO PLUMBING DRAWINGS.
 - KNOX BOX. COORDINATE LOCATION WITH LOCAL AUTHORITY HAVING JURISDICTION.
 - ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER. REFER TO PLUMBING DRAWINGS.
 - RECESSED CABINET HEATER. REFER TO MECHANICAL ELECTRICAL DRAWINGS.
 - LINE OF CANOPY ABOVE. REFER TO SECTIONS.
 - 6" PIPE BOLLARD. REFER TO CIVIL DRAWINGS.
 - SEMI-RECESSED FIRE EXTINGUISHER CABINET.
 - METAL DOWNSPOUT WITH BOOT. TIE INTO STORMWATER SYSTEM. REFER TO CIVIL.
 - CONCRETE EQUIPMENT PAD. VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
 - DUMPSTER BY OWNER.
 - ELECTRICAL TRANSFORMER ON CONCRETE PAD. REFER TO ELECTRICAL AND CIVIL DRAWINGS.
 - MECHANICAL EQUIPMENT ON CONCRETE PAD. REFER TO MECHANICAL DRAWINGS.
 - PEMB EXPANDABLE END BAY.
 - PEMB PORTAL FRAME.
 - SHELF AND ROD REFER TO A-700 DRAWINGS.
 - 8'-0" CHAIN LINK FENCE WITH PRIVACY SLATS. PROVIDE A 12'-0" WIDE GATE AT MECHANICAL YARD. REFER TO CIVIL DRAWINGS.
 - RECESSED MOTORIZED PROJECTION SCREEN. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.
 - STRIPE AREA AND PAINT 'NO PARKING IN 12" LETTERING.
 - ASPHALT SURFACE WITH 4"W PAINTED STRIPES. REFER TO CIVIL DRAWINGS.
 - CONCRETE SIDEWALK. REFER TO CIVIL DRAWINGS.
 - CONCRETE SIDEWALK WITH INTEGRAL CURB. REFER TO CIVIL DRAWINGS.
 - WOOD WALL PANELS ON 5/8" GYPSUM BOARD ON 3 5/8" COLD FORMED METAL STUDS AT 16" O.C. WITH WOOD BACKING PLATE FOR WOOD PANELS.
 - AI DEVICE. REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
 - CONCRETE SLAB ON COMPACTED FILL. REFER TO CIVIL DRAWINGS.
 - APPROXIMATE EDGE OF EXISTING ASPHALT. REFER TO CIVIL DRAWINGS.
 - CARD/FOB READER. REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
 - 6'-0" CHAIN LINK FENCE WITH PRIVACY SLATS. PROVIDE (2) 10'-0" W GATES AT DUMPSTER ENCLOSURE. REFER TO CIVIL DRAWINGS.

PROJECT:

PORTER TOWNSHIP ADMINISTRATION BUILDING

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

100% CONSTRUCTION DOCUMENTS

GIBRALTAR DESIGN

4030 Vincennes Rd., Ste. 100
Indianapolis, IN 46268
Homepage: www.GibraltarDesign.com
Phone 317.580.5777

PROJECT

26-119

DATE

08/25/2026

COORDINATED BY

CLS

DRAWN BY

CJA, JFK

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REVISIONS

MARK	DATE	ISSUED FOR
AD-01	09/11/26	ADDENDUM 01

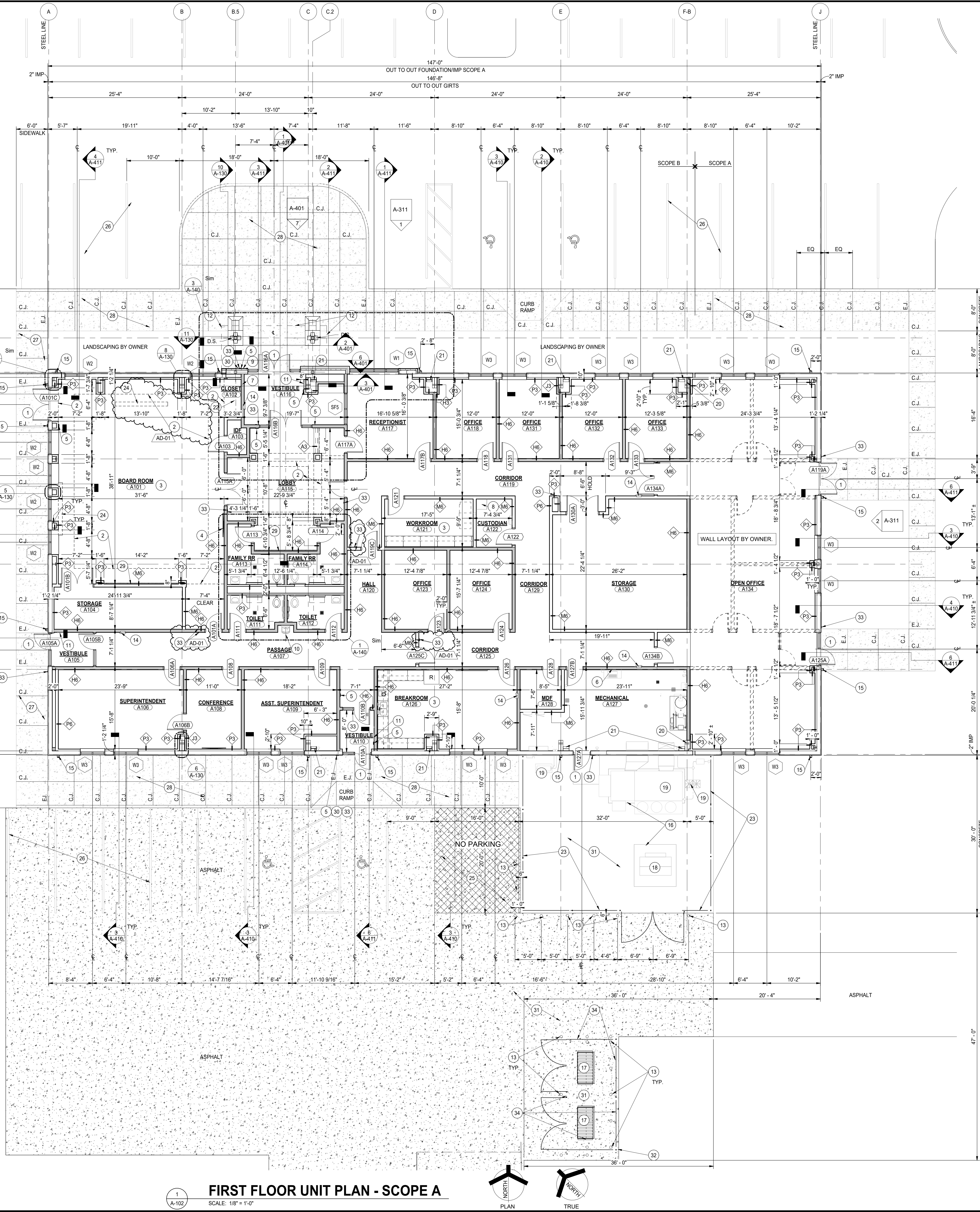
DRAWING
OVERALL ARCHITECTURAL
FLOOR PLAN - SCOPE B

PROJECT
PORTER TOWNSHIP
ADMINISTRATION BUILDING

GIBRALTAR
DESIGN

SHEET

A-101



GENERAL PLAN NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.
- B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY, PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.
- C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
- D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.
- E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
- F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
- G. VERIFY MOUNTING HEIGHTS OF ACCESSORIES, EQUIPMENT, CASEWORK, ETC., AND PROVIDE FIRE TREATED WOOD BLOCKING (OR METAL STRAPPING WHERE INDICATED) WITHIN METAL STUD WALLS FOR ALL WALL MOUNTED ITEMS.
- H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.
- I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.
- J. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.
- K. PROVIDE SEALANT BETWEEN DISSIMILAR MATERIALS SUCH AS GYPSUM BOARD, MASONRY AND CONCRETE, COUNTERTOPS AND WALLS, ETC.
- L. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION, AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.
- M. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.
- N. REFER TO A-140 FOR ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

PLAN NOTES:

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1. CONCRETE STOOP/VOID SLAB. REFER TO STRUCTURAL DRAWINGS.
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 4. DISPLAY/TV MONITOR (TYP.), REFER TO EQUIPMENT PLANS.
 5. PUSH PAD FOR ADA OPERATOR. REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
 6. FIRE ALARM CONTROL PANEL. REFER TO ELECTRICAL DRAWINGS.
 7. FIRE ALARM ANNUNCIATOR PANEL. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.
 8. MOP SINK. REFER TO PLUMBING DRAWINGS.
 9. KNOX BOX. COORDINATE LOCATION WITH LOCAL AUTHORITY HAVING JURISDICTION.
 10. ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER. REFER TO PLUMBING DRAWINGS.
 11. RECESSED CABINET HEATER. REFER TO MECHANICAL ELECTRICAL DRAWINGS.
 12. LINE OF CANOPY ABOVE. REFER TO SECTIONS.
 13. 6" PIPE BOLLARD. REFER TO CIVIL DRAWINGS.
 14. SEMI-RECESSED FIRE EXTINGUISHER CABINET.
 15. METAL DOWNSPOUT WITH BOOT. TIE INTO STORMWATER SYSTEM. REFER TO CIVIL.
 16. CONCRETE EQUIPMENT PAD. VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
 17. DUMPSTER BY OWNER.
 18. ELECTRICAL TRANSFORMER ON CONCRETE PAD. REFER TO ELECTRICAL AND CIVIL DRAWINGS.
 19. MECHANICAL EQUIPMENT ON CONCRETE PAD. REFER TO MECHANICAL DRAWINGS.
 20. PEMB EXPANDABLE END BAY.
 21. PEMB PORTAL FRAME.
 22. SHELF AND ROD REFER TO A-700 DRAWINGS.
 23. 8'-0" CHAIN LINK FENCE WITH PRIVACY SLATS. PROVIDE A 12'-0" WIDE GATE AT MECHANICAL YARD. REFER TO CIVIL DRAWINGS.
 24. RECESSED MOTORIZED PROJECTION SCREEN. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.
 25. STRIPE AREA AND PAINT 'NO PARKING IN 12" LETTERING.
 26. ASPHALT SURFACE WITH 4"W PAINTED STRIPES. REFER TO CIVIL DRAWINGS.
 27. CONCRETE SIDEWALK. REFER TO CIVIL DRAWINGS.
 28. CONCRETE SIDEWALK WITH INTEGRAL CURB. REFER TO CIVIL DRAWINGS.
 29. WOOD WALL PANELS ON 5/8" GYPSUM BOARD ON 3 5/8" COLD FORMED METAL STUDS AT 16" O.C. WITH WOOD BACKING PLATE FOR WOOD PANELS.
 30. AI DEVICE. REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
 31. CONCRETE SLAB ON COMPACTED FILL. REFER TO CIVIL DRAWINGS.
 32. APPROXIMATE EDGE OF EXISTING ASPHALT. REFER TO CIVIL DRAWINGS.
 33. CARD/FOB READER. REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
 34. 6'-0" CHAIN LINK FENCE WITH PRIVACY SLATS. PROVIDE (2) 10'-0" W GATES AT DUMPSTER ENCLOSURE. REFER TO CIVIL DRAWINGS.

PROJECT:

PORTER TOWNSHIP ADMINISTRATION BUILDING

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

100% CONSTRUCTION DOCUMENTS

GIBALTAR DESIGN

4030 Vincennes Rd., Ste. 100
Indianapolis, IN 46268
Homepage: www.GibraltarDesign.com
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-01	09/11/26	ADDENDUM 01

DRAWING
OVERALL ARCHITECTURAL
FIRST FLOOR PLAN - SCOPE A

PROJECT
PORTER TOWNSHIP
ADMINISTRATION BUILDING

GIBALTAR
DESIGN

SHEET

A-102

GENERAL ELEVATION NOTES:

- A. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION WALLS AND FOOTINGS.
B. REFER TO FLOOR PLANS FOR EXTERIOR WALL SECTIONS CUTS, UNLESS INDICATED OTHERWISE.
C. FOR LOCATION AND MOUNTING HEIGHTS OF CAMERAS, SPEAKERS, LIGHTS, HORNS, ETC. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.
D. FINISH GRADE INDICATED ON ELEVATIONS ARE FOR DRAWING PURPOSES ONLY. REFER TO CIVIL DRAWINGS FOR ACTUAL GRADES. COORDINATE STEPPED FLASHING WITH ACTUAL GRADES FOR CELL VENTS TO BE ABOVE GRADE.

ELEVATION NOTES:

- (ALL ELEVATION NOTES MAY NOT BE INDICATED ON THIS SHEET)
1 FINISHED GRADE. REFER TO CIVIL DRAWINGS.
2 2" PREFINISHED INSULATED METAL PANEL - COLOR A.
3 2" PREFINISHED INSULATED METAL PANEL - COLOR B.
4 PREFINISHED .030 METAL PANEL TRIM. REFER TO A-410 FOR DETAIL.
5 CUT STONE ASHLAR PATTERN WALL. REFER TO WALL SECTION 2/A-411.
6 PREFINISHED ENGINEERED WOOD TRIM RIP TO FIT. REFER TO SECTIONS AND DETAILS.
7 ARCHITECTURAL PRECAST CONCRETE COLUMN BASE AND PLANTER.
8 ARCHITECTURAL PRECAST CONCRETE CAP.
9 PREFINISHED .050 METAL GUTTER AND DOWNSPOUT, TIE INTO STORM SEWER WITH CAST IRON BOOTS. REFER TO CIVIL DRAWINGS.
10 PREFINISHED METAL RAKE.
11 PREFINISHED METAL CLOSURE/D RIP - COLOR B.
12 ALUMINUM DOOR IN ALUMINUM FRAME.
13 ALUMINUM STOREFRONT WITH INSULATED GLAZING.
14 INSULATED GLAZING IN ALUMINUM STOREFRONT. REFER TO PLANS AND SHEET A-620.
15 PREMANUFACTURED STEEL CANOPY.
16 2 1/2" IMP STANDING SEAM METAL ROOF.
17 8'-0" CHAIN LINK FENCE AND GATE WITH SLATS AT MECHANICAL YARD.
18 MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS.
19 ARCHITECTURAL LOUVER. REFER TO MECHANICAL DRAWINGS.
20 6" DIAMETER PIPE BOLLARD. PAINT SAFETY YELLOW. REFER TO CIVIL DRAWINGS.
21 CONCRETE VOID SLAB. REFER TO STRUCTURAL DRAWINGS.
22 CARD/FOB READER. REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
23 PUSHPAD FOR ADA OPERATOR. REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
24 AI DEVICE. REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
25 GAS SERVICE. REFER TO MECHANICAL DRAWINGS.
26 4x4x1/4" PAINTED STEEL ANGLE W/ (2) 5/8" LAG BOLTS ON EACH SIDE OF COLUMN WRAP. TYPICAL.
27 KNOX BOX. COORDINATE LOCATION WITH LOCAL AUTHORITY HAVING JURISDICTION.
28 HOSE BIBB. REFER TO PLUMBING DRAWINGS.
29 4'-8" DIAMETER ARCHITECTURAL PRECAST CONCRETE MEDALLION.
30 LIGHT FIXTURE. REFER TO ELECTRICAL.
31 ALUMINUM LETTERING. VERIFY NAME AND LOCATION WITH OWNER.
32 2 1/2" DIAMETER VENT PIPE THRU ROOF. REFER TO MECHANICAL DRAWINGS.
33 STONE COPING. REFER TO ROOF PLANS.
34 PREFINISHED METAL COPING. REFER TO ROOF PLANS.
35 PREFINISHED .063 METAL CLOSURE TRIM / D RIP. REFER TO A-411 FOR DETAIL.
36 1X4 PREFINISHED ENGINEERED WOOD TRIM BOARD.



GIBALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT:

**PORTER
TOWNSHIP
ADMINISTRATION
BUILDING**

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

100% CONSTRUCTION
DOCUMENTS

GIBALTAR DESIGN

4030 Vincennes Rd., Ste. 100
Indianapolis, IN 46268
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PROJECT

26-119

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REVISIONS

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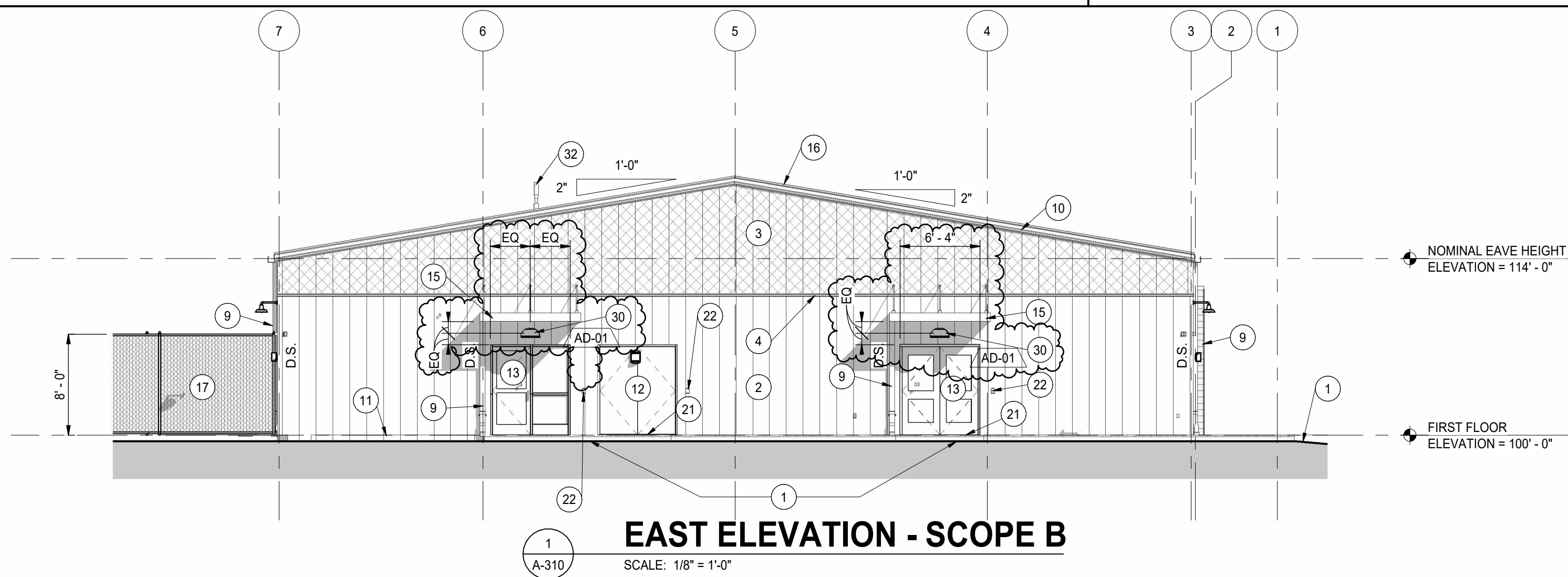
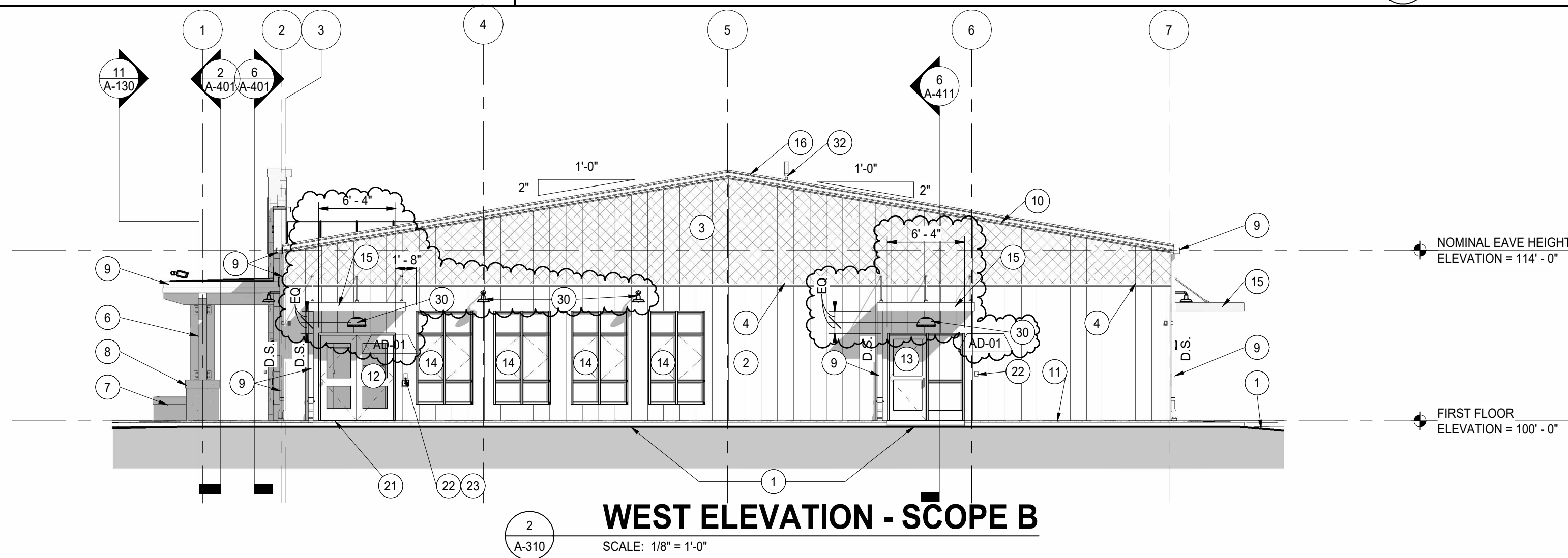
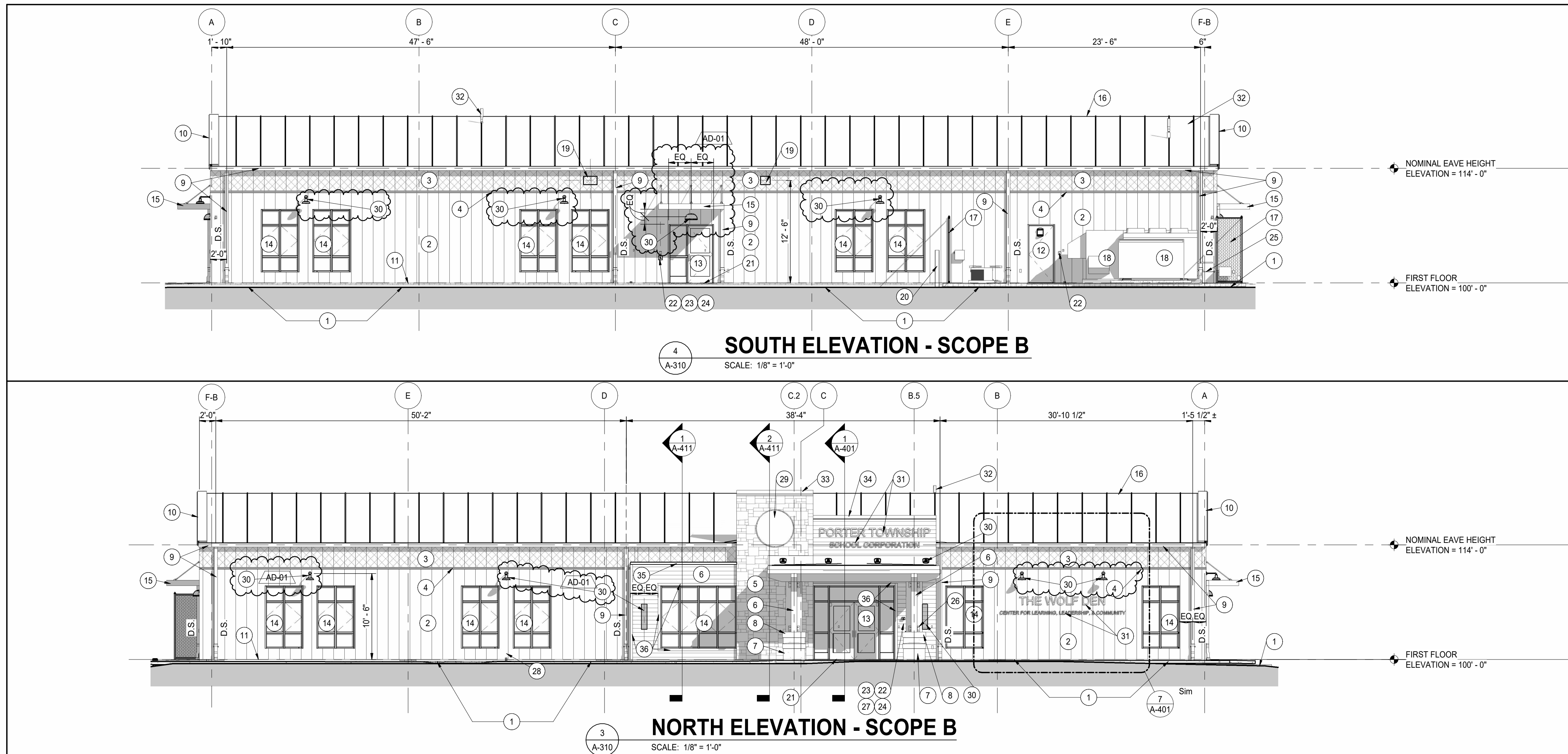
DRAWING
EXTERIOR ELEVATIONS -
SCOPE B

PROJECT
PORTER TOWNSHIP
ADMINISTRATION BUILDING

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DESIGN

SHEET

A-310



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GENERAL ELEVATION NOTES:

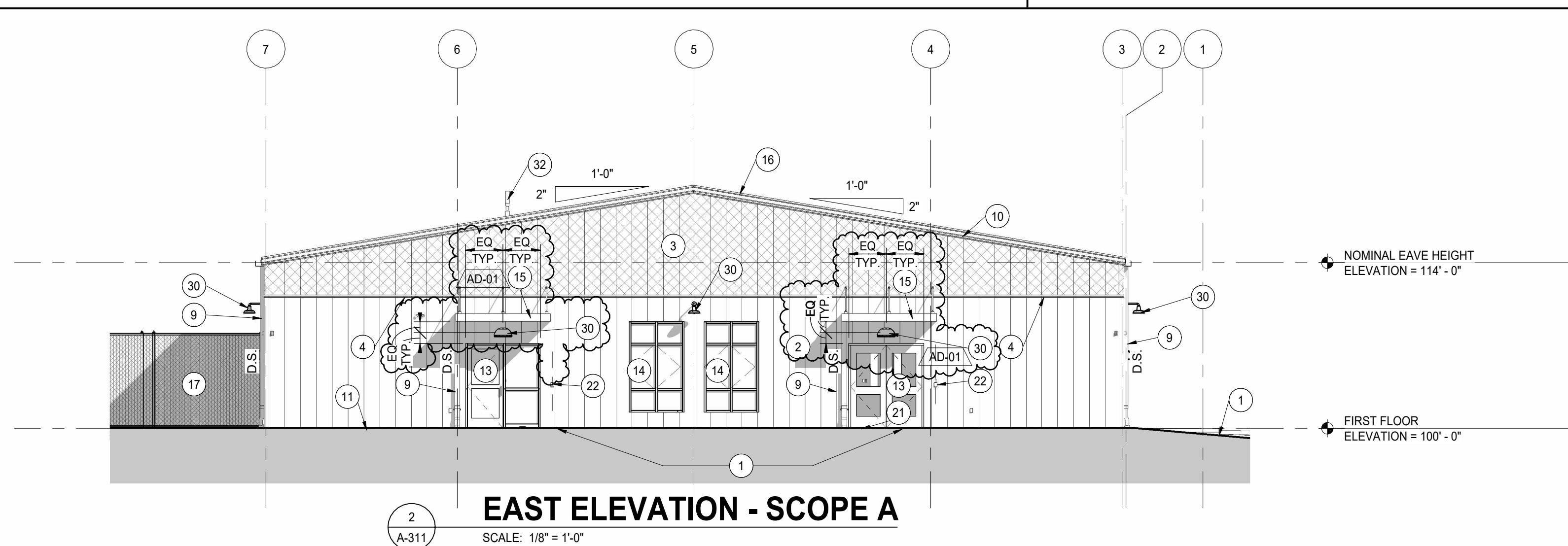
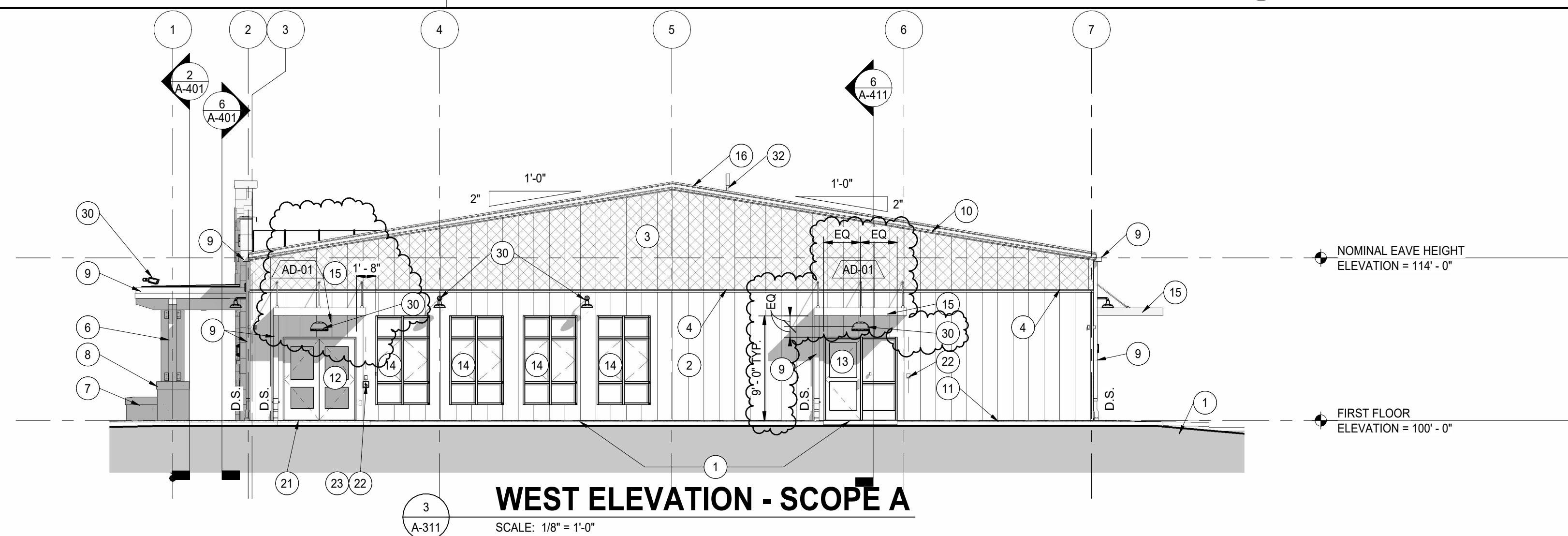
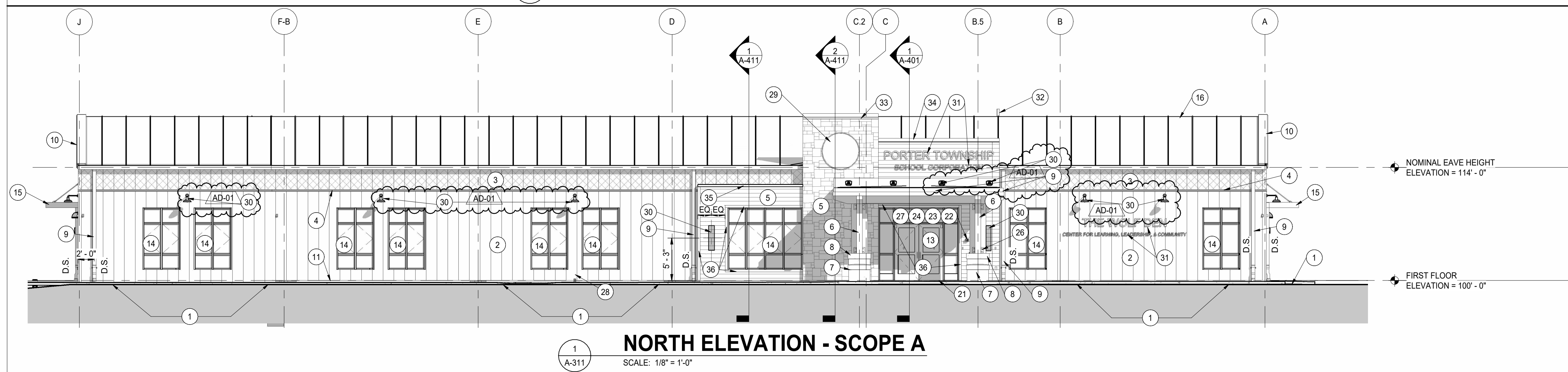
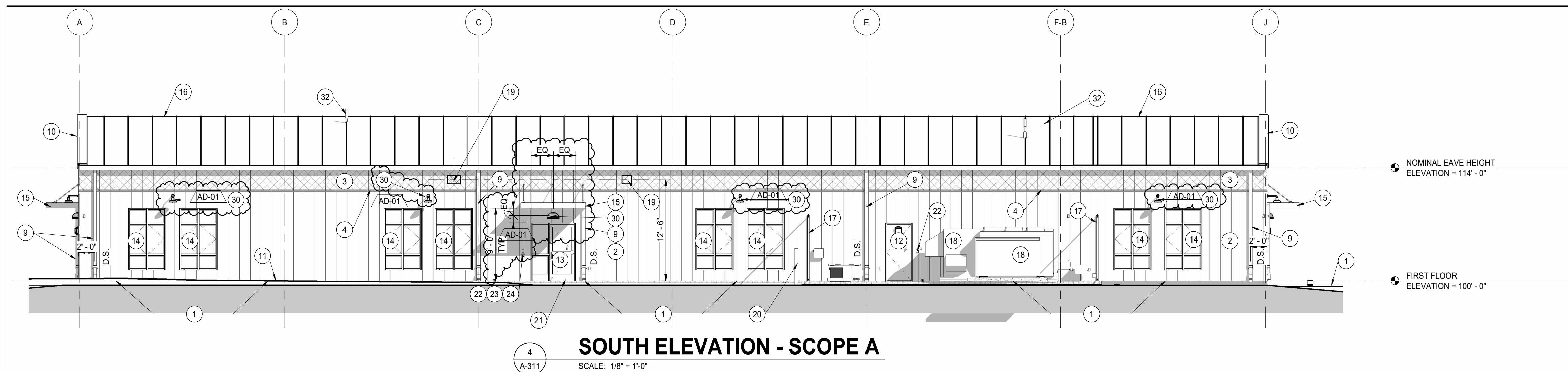
- A. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION WALLS AND FOOTINGS.
B. REFER TO FLOOR PLANS FOR EXTERIOR WALL SECTIONS CUTS, UNLESS INDICATED OTHERWISE.
C. FOR LOCATION AND MOUNTING HEIGHTS OF CAMERAS, SPEAKERS, LIGHTS, HORNS, ETC. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.
D. FINISH GRADE INDICATED ON ELEVATIONS ARE FOR DRAWING PURPOSES ONLY. REFER TO CIVIL DRAWINGS FOR ACTUAL GRADES. COORDINATE STEPPED FLASHING WITH ACTUAL GRADES FOR CELL VENTS TO BE ABOVE GRADE.

MASONRY TYPE NOTES:

- (B1A) FACE BRICK COLOR A - RUNNING BOND - MODULAR SIZE.
(B1B) FACE BRICK COLOR B - RUNNING BOND - MODULAR SIZE.
(B1C) FACE BRICK COLOR C - RUNNING BOND - MODULAR SIZE.
(B2C) FACE BRICK COLOR C - SOLDIER COURSE - MODULAR SIZE.
(L1) NOMINAL 16"x16" CUT LIMESTONE MEDALLION.

ELEVATION NOTES:

- (ALL ELEVATION NOTES MAY NOT BE INDICATED ON THIS SHEET)
1 FINISHED GRADE. REFER TO CIVIL DRAWINGS.
2 2" PREFINISHED INSULATED METAL PANEL - COLOR A.
3 2" PREFINISHED INSULATED METAL PANEL - COLOR B.
4 PREFINISHED .030 METAL PANEL TRIM. REFER TO A-410 FOR DETAIL.
5 CUT STONE ASHLAR PATTERN WALL. REFER TO WALL SECTION 2/A-411.
6 PREFINISHED ENGINEERED WOOD TRIM RIP TO FIT. REFER TO SECTIONS AND DETAILS.
7 ARCHITECTURAL PRECAST CONCRETE COLUMN BASE AND PLANTER.
8 ARCHITECTURAL PRECAST CONCRETE CAP.
9 PREFINISHED .050 METAL GUTTER AND DOWNSPOUT. TIE INTO STORM SEWER WITH CAST IRON BOOTS. REFER TO CIVIL DRAWINGS.
10 PREFINISHED METAL RAKE.
11 PREFINISHED METAL CLOSURE/D RIP - COLOR B.
12 ALUMINUM DOOR IN ALUMINUM FRAME.
13 ALUMINUM STOREFRONT WITH INSULATED GLAZING.
14 INSULATED GLAZING IN ALUMINUM STOREFRONT. REFER TO PLANS AND SHEET A-620.
15 PREFABRICATED STEEL CANOPY.
16 2 1/2" IMP STANDING SEAM METAL ROOF.
17 8'-0" CHAIN LINK FENCE AND GATE WITH SLATS AT MECHANICAL YARD.
18 MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS.
19 ARCHITECTURAL LOUVER. REFER TO MECHANICAL DRAWINGS.
20 6" DIAMETER PIPE BOLLARD. PAINT SAFETY YELLOW. REFER TO CIVIL DRAWINGS.
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33 STONE COPING. REFER TO ROOF PLANS.
34 PREFINISHED METAL COPING. REFER TO ROOF PLANS.
35 PREFINISHED .063 METAL CLOSURE TRIM / DRIP. REFER TO A-411 FOR DETAIL.
36 1X4 PREFINISHED ENGINEERED WOOD TRIM BOARD.



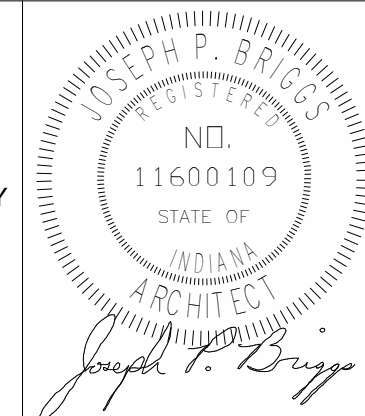
PROJECT: PORTER TOWNSHIP ADMINISTRATION BUILDING

PORTER TOWNSHIP SCHOOL
CORPORATION
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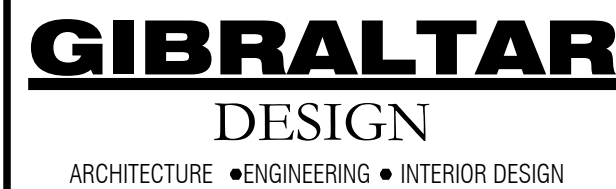
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AD-01	09/11/26	ADDENDUM 01

DRAWING
EXTERIOR ELEVATIONS -
SCOPE A

PROJECT
PORTER TOWNSHIP
ADMINISTRATION BUILDING

GIBALTAR DESIGN SHEET

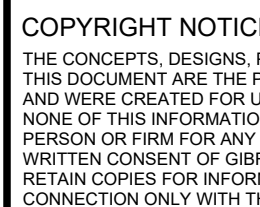
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PORTER
TOWNSHIP
ADMINISTRATION
BUILDING

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4030 Vincennes Rd., Ste. 100
Indianapolis, IN 46268
Homepage: www.GibraltarDesign.com
Phone 317.580.5777

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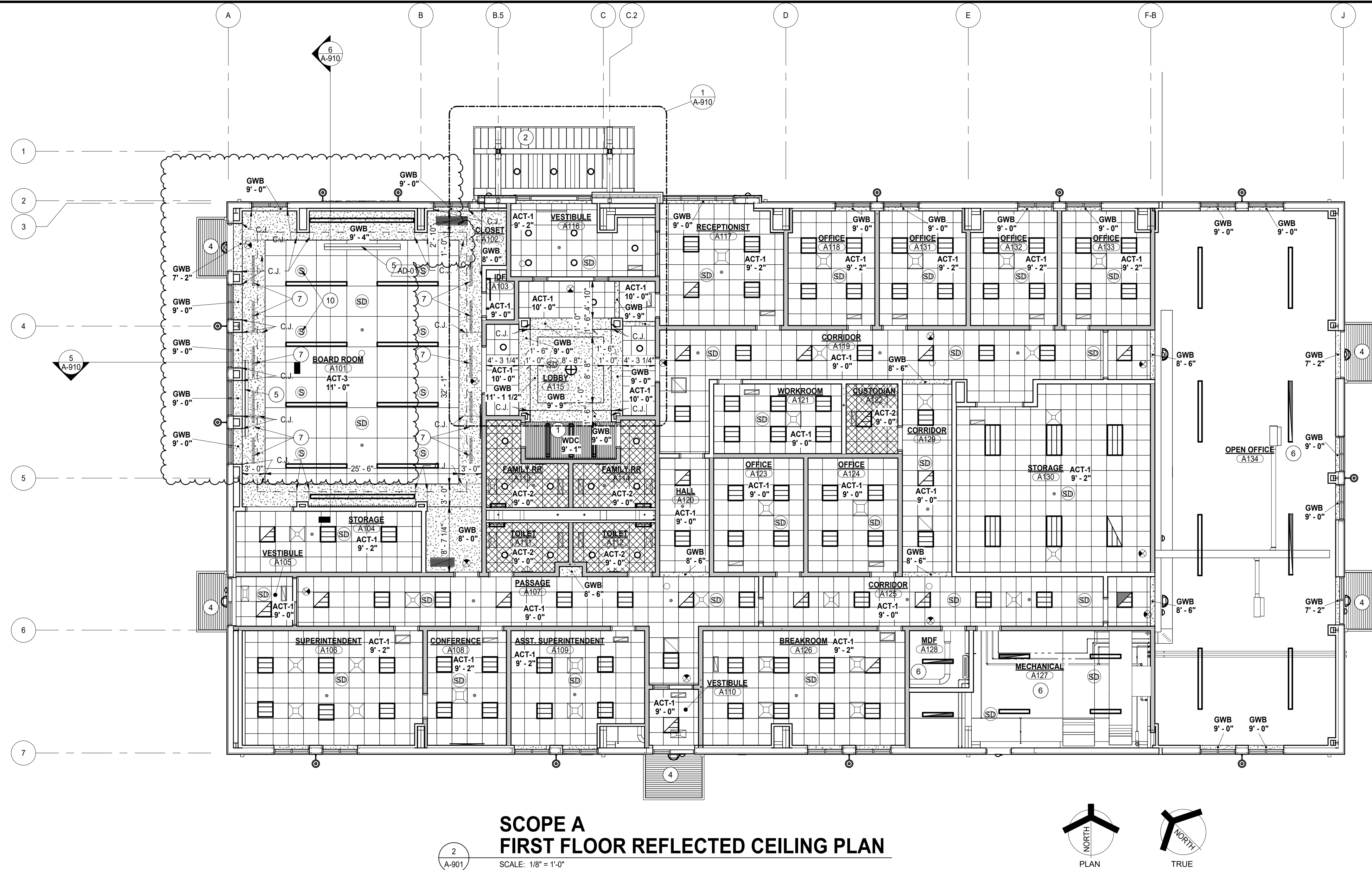


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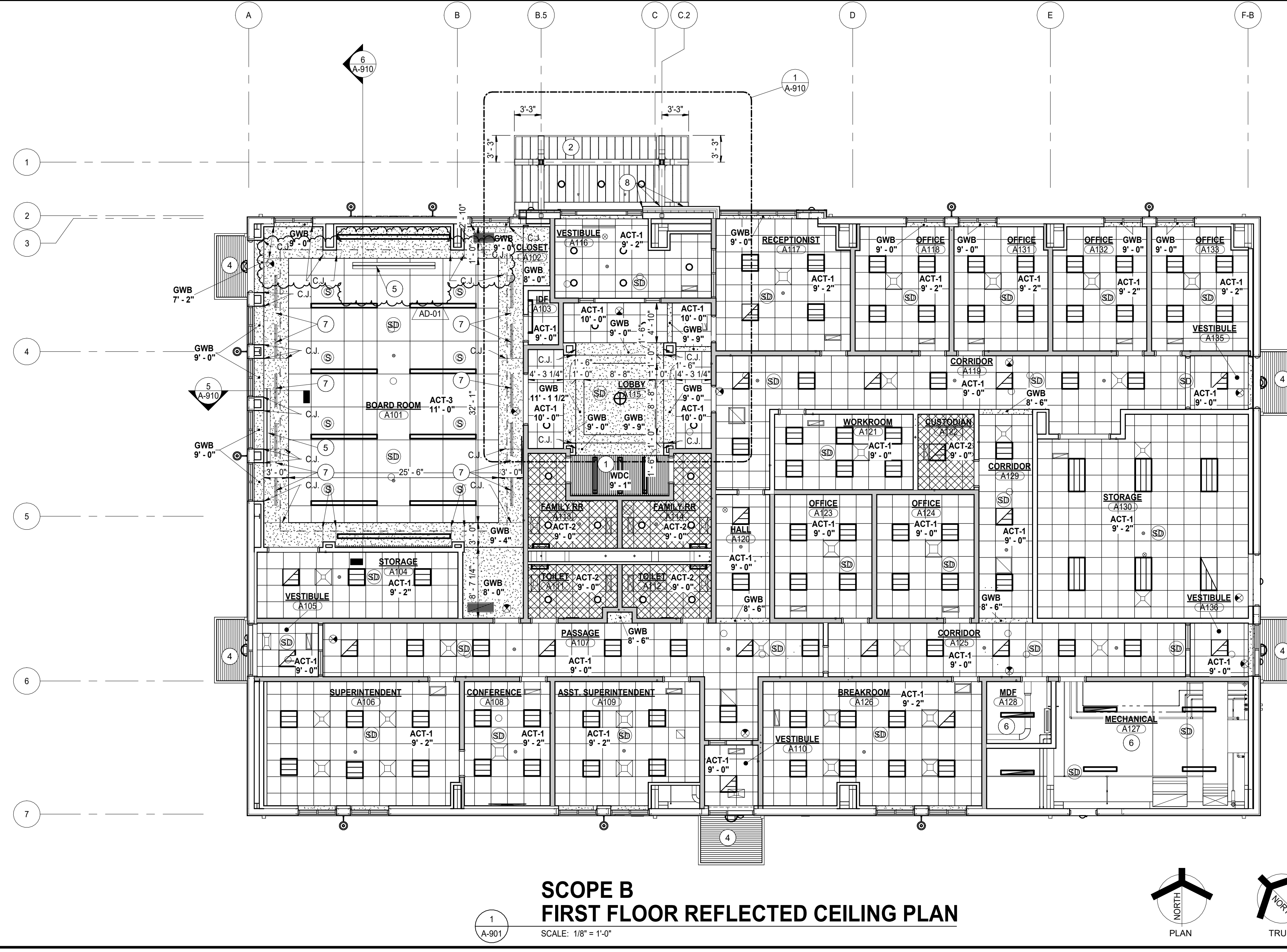
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**SCOPE A
FIRST FLOOR REFLECTED CEILING PLAN**
SCALE: 1/8" = 1'-0"



**SCOPE B
FIRST FLOOR REFLECTED CEILING PLAN**
SCALE: 1/8" = 1'-0"

GENERAL REFLECTED CEILING NOTES:

- FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO SHEET G-301.
- THE ARCHITECTURAL REFLECTED CEILING PLANS GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.
- BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.
- REFER TO FLOOR PLANS FOR WALL TYPES.
- REFER TO FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD TYPES AND QUANTITIES. HEADS HAVE INTENTIONALLY BEEN OMITTED FOR CLARITY.
- CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHETHER OR NOT INDICATED ON THE DRAWINGS. VERIFY FINAL LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK.
- REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPE AND QUANTITIES.
- REFER TO MECHANICAL DRAWINGS FOR DIFFUSERS, GRILL TYPES AND QUANTITIES - ALL MECHANICAL ITEMS MAY NOT BE INDICATED ON THIS SHEET.
- REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS
- REFER TO FINISH PLANS, INTERIOR ELEVATIONS AND BULKHEAD DETAILS FOR PAINT COLORS.
- REFER TO A-910 FOR BULKHEAD DETAILS.

CEILING LEGEND

	ACT-1		LIGHT FIXTURE
	ACT-2		SUPPLY AIR DIFFUSER
	ACT-3		RETURN OR EXHAUST REGISTER
	WDC, WOOD CEILING PANELS		EXHAUST REGISTER
			GYPSUM BOARD CEILING OR BULKHEAD, REFER TO TYPICAL BULKHEAD DETAILS (A-910) AND WALL SECTIONS

REFLECTED CEILING PLAN NOTES

- WOOD CEILING PANELS ON 5/8" GYPSUM BOARD ON 3/8" GOLD FORMED METAL JOISTS AT 16" O.C. WITH WOOD BACKING PLATE FOR WOOD PANELS.
- PREFINISHED METAL SOFFIT PANELS WITH 1/4" REVEAL AT JOINTS.
- 3/4" PREFINISHED ENGINEERED WOOD TRIM BEAM WRAPS. REFER TO DETAILS.
- PREMANUFACTURED CANOPY. CENTER ON DOOR OPENING. REFER TO ELEVATIONS AND
- RECESSED MOTORIZED PROJECTION SCREEN. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.
- OPEN TO STRUCTURE ABOVE - NO CEILING REQUIRED.
- SLOT DIFFUSER REFER TO MECHANICAL DRAWINGS.
- BACKER ROD AND SEALANT BETWEEN CUT STONE WALL AND PREENGINEERED WOOD TRIM BEAM WRAPS.
- LIGHT FIXTURE CENTER IN BULKHEAD.
- CEILING SPEAKER CENTER IN TILE. REFER TO TECHNOLOGY DRAWINGS. TYPICAL.



GIBALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT:

**PORTER
TOWNSHIP
ADMINISTRATION
BUILDING**

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

100% CONSTRUCTION
DOCUMENTS

GIBALTAR DESIGN

4030 Vincennes Rd., Ste. 100
Indianapolis, IN 46268
Homepage: www.GibraltarDesign.com
Phone 317.580.5777

PROJECT

26-119

DATE

08/25/2026

COORDINATED BY

CLS

DRAWN BY

CJA, JFK

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AD-01

09/11/26

ADDENDUM 01

DRAWING
FIRST FLOOR REFLECTED
CEILING PLANS

PROJECT

PORTER TOWNSHIP

ADMINISTRATION BUILDING

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DESIGN

SHEET

A-901

