

HENRY COUNTY SCHOOLS – SECURITY ACCESS CONTROL  
HENRY COUNTY BOARD OF EDUCATION  
MSSA PN 202103

MANLEY SPANGLER SMITH ARCHITECTS, PC., P.O. BOX 880, GRIFFIN, GA 30223

**ADDENDUM NUMBER ONE:        DATED: December 1, 2021**

**To:    All prime contract bidders of record.**

This addendum forms a part of the Contract Documents and modifies the original Specifications and Drawings dated November 16, 2021, as noted below. **Acknowledge receipt of this Addendum in the space provided on the Bid Form;** failure to do so may subject bidder to disqualification.

**BID DATE:    December 21, 2021 (Revised)**

### **SPECIFICATIONS**

1. Section 001113 – Invitation to Bid
  - A. Page 001113-1, Lines 3 through 7: Delete the lines in their entirety and replace with the following:

Sealed bids from Contractors will be received by Henry County Board of Education Administrative Office Annex, 396 Tomlinson Street, McDonough, Georgia 30253 until 3:00 P.M., Prevailing Time, December 21, 2021, for **Henry County Schools – Security Access Control, Henry County, Georgia (Refer to Section 000101 – Project Title Sheet)**. At the time and place noted above, the bids for the Project will be publicly opened and read.
2. Section 087100 – Door Hardware
  - A. Delete this section in its entirety and replace with Section 087100 included in this addendum.

## SECTION 087100 - DOOR HARDWARE

### PART 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 door hardware for the following:
  - a. Swinging doors.
- 2. Cylinders for door hardware specified in other Sections.
- 3. Electrified door hardware.

- B. Related Sections:

- 1. Section 081113 "Hollow Metal Doors and Frames" for astragals provided as part of labeled fire-rated assemblies and for door silencers provided as part of hollow-metal frames.
- 2. Section 081416 "Flush Wood Doors" for astragals and integral intumescent seals provided as part of labeled fire-rated assemblies.
- 3. Section 081613 "Fiberglass Reinforced Polyester Doors" for installation of hardware on FRP doors.

#### 1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product indicated. Include construction and installation details, material descriptions, dimensions of individual components and profiles, and finishes.

- B. Other Action Submittals:

- 1. Door Hardware Schedule: Prepared by or under the supervision of Hardware Supplier, detailing fabrication and assembly of door hardware, as well as installation procedures and diagrams. Coordinate final door hardware schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.
  - a. Submittal Sequence: Submit door hardware schedule concurrent with submissions of Product Data, Samples, and Shop Drawings. Coordinate submission of door hardware schedule with scheduling requirements of other work to facilitate the fabrication of other work that is critical in Project construction schedule.

- b. Format: Use same scheduling sequence and format and use same door numbers as in the Contract Documents.
  - c. Content: Include the following information:
    - 1) Identification number, location, hand, fire rating, size, and material of each door and frame.
    - 2) Locations of each door hardware set, cross-referenced to Drawings on floor plans and to door and frame schedule.
    - 3) Complete designations, including name and manufacturer, type, style, function, size, quantity, function, and finish of each door hardware product.
    - 4) Fastenings and other pertinent information.
    - 5) Explanation of abbreviations, symbols, and codes contained in schedule.
    - 6) Mounting locations for door hardware.
    - 7) List of related door devices specified in other Sections for each door and frame.
2. Keying Schedule: Prepared by or under the supervision of Hardware Supplier, detailing Owner's final keying instructions for locks. Include schematic keying diagram and index each key set to unique door designations that are coordinated with the Contract Documents.

#### 1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer and Hardware Supplier.
- B. Product Certificates: For electrified door hardware, from the manufacturer.
  - 1. Certify that door hardware approved for use on types and sizes of labeled fire-rated doors complies with listed fire-rated door assemblies.
- C. Product Test Reports: For compliance with accessibility requirements, based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified testing agency, for door hardware on doors located in accessible routes.
- D. Warranty: Special warranty specified in this Section.

#### 1.5 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For each type of door hardware to include in maintenance manuals. Include final hardware and keying schedule.
- B. Key Bitting Codes: Lockset/cylinder manufacturer shall submit the key bitting codes, a complete key log book in Microsoft Excel format to the Owner at the end of the Project when the permanent keys are turned over to the Owner.
- C. Post Installation Inspection Report: Submit a certificate of compliance report signed by hardware supplier indicating that all hardware is installed and working properly.

## 1.6 QUALITY ASSURANCE

- A. Installer Qualifications: Installer of products and an employer of workers trained and approved by product manufacturers.
- B. Supplier Qualifications: Door hardware supplier shall be a factory-authorized distributor who is or employs a qualified Architectural Hardware Consultant, available during the course of the Work to consult with Contractor, Architect, and Owner about door hardware and keying.
  - 1. Scheduling Responsibility: Preparation of door hardware and keying schedule.
  - 2. Engineering Responsibility: Preparation of data for electrified door hardware, including Shop Drawings, based on testing and engineering analysis of manufacturer's standard units in assemblies similar to those indicated for this Project.
- C. Architectural Hardware Consultant Qualifications: A 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 who is currently certified by DHI as follows:
  - 1. For door hardware, an Architectural Hardware Consultant (AHC).
- D. Source Limitations: Obtain each type of door hardware from a single manufacturer.
- E. Fire-Rated Door Assemblies: Where fire-rated door assemblies are indicated, provide door hardware rated for use in assemblies complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at positive pressure according to NFPA 252 or UL 10C, unless otherwise indicated.
- F. Smoke- and Draft-Control Door Assemblies: Where smoke- and draft-control door assemblies are required, provide door hardware that meet requirements of assemblies tested according to UL 1784 and installed in compliance with NFPA 105.
  - 1. Air Leakage Rate: Maximum air leakage of 0.3 cfm/sq. ft. (3 cu. m per minute/sq. m) at the tested pressure differential of 0.3-inch wg (75 Pa) of water.
- G. Electrified Door Hardware: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction.
- H. Means of Egress Doors: Latches do not require more than 15 lbf (67 N) to release the latch. Locks do not require use of a key, tool, or special knowledge for operation.
- I. Accessibility Requirements: For door hardware on doors in an accessible route, comply with Department of Justice; 2010 ADA Standards for Accessible Design.
  - 1. Provide operating devices that do not require tight grasping, pinching, or twisting of the wrist and that operate with a force of not more than 5 lbf (22.2 N).
  - 2. Comply with the following maximum opening-force requirements:
    - a. Interior, Non-Fire-Rated Hinged Doors: 5 lbf (22.2 N) applied perpendicular to door.
    - b. Fire Doors: Minimum opening force allowable by authorities having jurisdiction.

3. Bevel raised thresholds with a slope of not more than 1:2. Provide thresholds not more than 1/2 inch (13 mm) high.
4. Adjust door closer sweep periods so that, from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches (75 mm) from the latch, measured to the leading edge of the door.

J. Keying Conference: Conduct conference at Project site to comply with requirements in Section 013100 "Project Management and Coordination." In addition to Owner, Contractor, and Architect, conference participants shall also include Supplier's Architectural Hardware Consultant. Incorporate keying conference decisions into final keying schedule after reviewing door hardware keying system including, but not limited to, the following:

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.

K. Preinstallation Conference: Conduct conference at Project site.

1. Review and finalize construction schedule and verify availability of materials, Installer's personnel, equipment, and facilities needed to make progress and avoid delays.
2. Inspect and discuss preparatory work performed by other trades.
3. Inspect and discuss electrical roughing-in for electrified door hardware.
4. Review sequence of operation for each type of electrified door hardware.
5. Review required testing, inspecting, and certifying procedures.

#### 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Inventory door hardware on receipt and provide secure lock-up for door hardware delivered to Project site.
- B. Tag each item or package separately with identification coordinated with the final door hardware schedule, and include installation instructions, templates, and necessary fasteners with each item or package.
- C. Deliver keys to hardware supplier for inclusion in the key control system and key cabinet. All keys for entire Project regardless of whether furnished under this section shall be tagged and mounted in the key cabinet for presentation to the Owner. These keys may include but are not limited to cooler/freezer keys, toilet accessory keys, kitchen equipment keys, fire alarm and electrical panel keys, telescoping bleacher keys, etc. The Owner will not accept any keys presented in bulk, untagged, and unorganized. The General Contractor shall be responsible for coordinating delivery of all project keys to the hardware supplier for inclusion in the key control system and key cabinet.

#### 1.8 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 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. Electrical System Roughing-In: Coordinate layout and installation of electrified door hardware with connections to power supplies and building safety and security systems.
- D. Existing Openings: Where hardware components are scheduled for application to existing construction or where modifications to existing door hardware are required, field verify existing conditions and coordinate installation of door hardware to suit opening conditions and to provide proper door operation. Alter existing doors or frames as necessary for new hardware specified.

## 1.9 WARRANTY

- A. Special 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. Failures include, but are not limited to, the following:
    - a. Structural failures including excessive deflection, cracking, or breakage.
    - b. Faulty operation of doors and door hardware.
    - c. Deterioration of metals, metal finishes, and other materials beyond normal weathering and use.
  - 2. Warranty Period: One year from date of Substantial Completion, unless otherwise indicated.
    - a. Locks: Five years from date of Substantial Completion.
    - b. Exit Devices: Three years from date of Substantial Completion.
    - c. Manual Closers: 10 years from date of Substantial Completion.

## 1.10 MAINTENANCE SERVICE

- A. Maintenance Tools and Instructions: Furnish a complete set of specialized tools and maintenance instructions for Owner's continued adjustment, maintenance, and removal and replacement of door hardware.

## PART 2 - PRODUCTS

### 2.1 SCHEDULED DOOR HARDWARE

- A. Provide door hardware for each door as scheduled in Part 3 "Door Hardware Schedule" Article to comply with requirements in this Section.
  - 1. Door Hardware Sets: Provide quantity, item, size, finish or color indicated, and named manufacturers' products or products equivalent in function and comparable in quality to named products by one of the other manufacturers listed as acceptable.

2. Sequence of Operation: Provide electrified door hardware function, sequence of operation, and interface with other building control systems indicated.

B. Designations: Requirements for design, grade, function, finish, size, and other distinctive qualities of each type of door hardware are indicated in Part 3 "Door Hardware Schedule" Article. Products are identified by using door hardware designations, as follows:

1. The asterisk (\*) denoted by a manufacturer's name indicates that manufacturer's product number is used in the Door Hardware Schedule in of Part 3. Subject to compliance with the specifications, comparable products by one of the other named manufacturers are also acceptable.

## 2.2 HINGES

A. Hinges: Provide only template-produced hinges for hinges installed on doors and frames.

1. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated on schedule or comparable product by one of the following:

- a. Hager Companies.
- b. McKinney Products Company; an ASSA ABLOY Group company.\*
- c. Stanley Commercial Hardware; Division of Dorma Kaba.

B. Quantity: Provide the following, unless otherwise indicated:

1. Two Hinges: For doors with heights up to 60 inches.
2. Three Hinges: For doors with heights 61 to 90 inches.
3. Four Hinges: For doors with heights 91 to 120 inches.
4. For doors with heights more than 120 inches, provide 4 hinges, plus 1 hinge for every 30 inches of door height greater than 120 inches.

C. Template Requirements: Provide only template-produced units.

D. Hinge Weight: Unless otherwise indicated, provide the following:

1. Exterior Doors: Doors up to 36" wide, standard weight, antifriction - bearing hinges. Provide heavy-weight antifriction - bearing hinges for doors over 36" wide.
2. Interior Doors: Standard-weight antifriction – bearing hinges.

E. Hinge Size: Unless noted otherwise, provide hinges as follows:

1. For doors up to 36"x84", provide 4 ½" high.
2. For doors over 36" x 84", provide 5" high.
3. For 1 3/8" thick doors, provide 3 1/2" high.

F. Hinge Base Metal: Unless otherwise indicated, provide the following:

1. Exterior Hinges: Stainless steel, with stainless-steel pin.
2. Interior Hinges: Brass, with stainless-steel pin body and brass protruding heads.
3. Hinges for Fire-Rated Assemblies: Steel, with steel pin.

G. Hinge Options: Comply with the following unless noted otherwise:

1. Non-rising Pins: Interior doors.

2. Nonremovable Pins: Provide set screw in hinge barrel that, when tightened into a groove in hinge pin, prevents removal of pin while door is closed; for outswinging exterior doors and outswinging corridor doors with locks.
3. Corners: Square.
4. Tips: Flat button and matching plug.
5. Finish: To match leaves.

H. Fasteners: Comply with the following:

1. Threaded-to-the-Head Wood Screws: For fire-rated wood doors.
2. Screws: Phillips flat-head; machine screws (drilled and tapped holes) for metal doors and threaded-to-head wood screws for wood doors and frames. Finish screw heads to match surface of hinges.

I. Finishes: Comply with the following unless noted otherwise:

1. Exterior Hinges: US32D (stainless steel, satin).
2. Interior Hinges: US26D (chrome plated, satin).

## 2.3 CONTINUOUS HINGES

A. Continuous, Gear-Type Hinges: Extruded-aluminum, pinless, geared hinge leaves joined by a continuous extruded-aluminum channel cap; with concealed, self-lubricating thrust bearings with 410 stainless steel fasteners.

1. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated on schedule or comparable product by one of the following:
  - a. Hager Companies.
  - b. Pemko; an ASSA ABLOY Group company\*
  - c. Select Products Limited.
  - d. Stanley Commercial Hardware; Div. of Dorma Kaba.
  - e. Zero International; A Division of Allegion.

B. Finishes: US28 unless noted otherwise.

1. Finishes for hinges on aluminum store fronts shall match aluminum storefront finish.

C. Pin and Barrel Spring Hinges: Stainless Steel with stainless steel ¼” pin. Torx tip cap for spring adjustment and long life split nylon bearings.

1. Basis-of-Design Product: Markar Architectural products.

D. Finishes: US28 or 630 as noted in sets.

1. Finishes for hinges on aluminum store fronts shall match aluminum storefront finish.

## 2.4 MECHANICAL LOCKS AND LATCHES

A. Lock Functions: As indicated in door hardware schedule.



- B. Lock Throw: Comply with testing requirements for length of bolts required for labeled fire doors, and as follows:
  - 1. Bored Locks: Minimum 1/2-inch (13-mm) latchbolt throw.
  - 2. Mortise Locks: Minimum 3/4-inch (19-mm) latchbolt throw.
  - 3. Deadbolts: Minimum 1-inch (25-mm).
- C. Lock Backset: 2-3/4 inches (70 mm), unless otherwise indicated.
- D. Lock Trim:
  - 1. Escutcheons (Roses): Wrought, Forged, or Cast.
  - 2. Dummy Trim: Match lever lock trim and escutcheons.
  - 3. Operating Device: Lever with escutcheons (roses).
- E. Strikes: Provide manufacturer's standard 16 gauge strike for each lock bolt or latchbolt complying with requirements indicated for applicable lock or latch and with strike box and curved lip extended to protect frame; finished to match lock or latch.
  - 1. Aluminum-Frame Strike Box: Manufacturer's special strike box fabricated for aluminum framing.
  - 2. Rabbet Front and Strike: Provide on locksets for rabbeted meeting stiles.
- F. Finish: US26D Satin chrome plated for interior and US32D satin stainless steel for exterior unless noted otherwise.
- G. Mortise Locks: BHMA A156.13; Security Grade 1; stamped steel case with steel or brass parts.
  - 1. Basis-of-Design Product: Provide product indicated on schedule only.
    - a. SARGENT Manufacturing Company; an ASSA ABLOY Group company.\*

## 2.5 AUXILIARY ELECTRIFIED DOOR HARDWARE

- A. Electric Door Wire Harnesses: Provide electric/data transfer wiring harnesses with standardized plug connectors to accommodate up to twelve (12) wires. Connectors plug directly to through-door wiring harnesses for connection to electric locking devices and power supplies. Provide sufficient number and type of concealed wires to accommodate electric function of specified hardware. Provide a connector for through-door electronic locking devices and from hinge to junction box above the opening. Wire nut connections are not acceptable. Determine the length required for each electrified hardware component for the door type, size and construction, minimum of two per electrified opening.
  - 1. Provide one each of the following tools as part of the base bid contract:
    - a. McKinney Products - Electrical Connecting Kit: QC-R001.
    - b. McKinney Products - Connector Hand Tool: QC-R003.
  - 2. Acceptable Manufacturers:
    - a. McKinney Products – QC-C Series.

- B. Standard Electric Strikes: Compact, concealed, high performance mortise lock electric strikes conforming to ANSI/BHMA A156.31, Grade 1, UL listed for both Burglary Resistance and for use on fire rated door assemblies. Stainless steel construction with dual interlocking plunger design tested to 1500 lbs. of static strength and 70 ft-lbs. of dynamic strength. Strikes tested for a minimum 1 million operating cycles. Provide strikes with 12 or 24 VDC capability and supplied standard as fail-secure unless otherwise specified. Option available for latchbolt and latchbolt strike monitoring indicating both the position of the latchbolt and locked condition of the strike.

1. Acceptable Manufacturers:

- a. HES. (HS) – 8500 Series.

- C. Surface Mounted Rim Electric Strikes: Surface mounted rim exit device electric strikes conforming to ANSI/BHMA A156.31, Grade 1, and UL Listed for both Burglary Resistance and for use on fire rated door assemblies. Construction includes internally mounted solenoid with two heavy-duty, stainless steel locking mechanisms operating independently to provide tamper resistance. Strikes tested for a minimum of 500,000 operating cycles. Provide strikes with 12 or 24 VDC capability supplied standard as fail-secure unless otherwise specified. Option available for latchbolt and latchbolt strike monitoring indicating both the position of the latchbolt and locked condition of the strike. Strike requires no cutting to the jamb prior to installation.

1. Acceptable Manufacturers:

- a. HES - 9500/9600 Series.

- D. Power Supplies: Provide Nationally Recognized Testing Laboratory Listed 12VDC or 24VDC (field selectable) filtered and regulated power supplies. Include battery backup option with integral battery charging capability in addition to operating the DC load in event of line voltage failure. Provide the least number of units, at the appropriate amperage level, sufficient to exceed the required total draw for the specified electrified hardware and access control equipment.

1. Acceptable Manufacturers:

- a. Securitron - BPS Series.

## 2.6 EXIT DEVICES AND AUXILIARY ITEMS

- A. Exit Devices and Auxiliary Items: BHMA A156.3, Grade 1. All exit devices shall be made of brass, bronze, stainless steel, or aluminum material, plated or powder coated to the standard architectural finishes to match the balance of the door hardware. Painted finishes are not accepted.

1. **All exit devices shall have US32D touchpads.** No painted finish shall be allowed. Plastic touch pads are not acceptable.
2. Plated or plastic coated latchbolts are not acceptable.
3. Exit Devices for Means of Egress Doors: Comply with NFPA 101. Exit devices shall not require more than 15 lbf (67 N) to release the latch. Locks shall not require use of a key, tool, or special knowledge for operation.

4. Fire Exit Devices: Devices complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire and panic protection, based on testing according to UL 305 and NFPA 252.
5. Removable Mullions: Where indicated on schedule, **provide removable mullions controlled by a key cylinder under the masterkey system**, unless codes prohibit the use of removable mullions. Mullions shall be manufactured by same manufacturer as exit devices.
6. Fire-Exit Removable Mullions: Provide removable mullions for use with fire exit devices complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire and panic protection, based on testing according to UL 305 and NFPA 252. Mullions shall be used only with exit devices for which they have been tested.
7. Dummy Push Bar: Nonfunctioning push bar matching functional push bar.
  - a. Operation: Rigid.
8. Outside Trim: Lever with cylinder and/or pull with cylinder; material and finish to match locksets, unless otherwise indicated.
  - a. Match design for locksets and latchsets, unless otherwise indicated.
  - b. Lever handle operating trim for exit devices shall be of heavy duty construction, incorporating cast or heavy solid forged escutcheons and levers. Where listed in the hardware sets, provide vandal resistant lever trim.
9. Mounting: **All exit devices shall be flush mounted and non-handed.** Provide manufacturer's standard shim kit to accommodate moulding for glass and vision lites. Provide glass bead conversion kits to shim exit devices on doors with raised glass beads.
  - a. All exit devices mounted on labeled wood doors shall be mounted on the door per the door manufacturer's requirements. **Exit devices to be thru-bolted on ALL doors.**
  - b. All trim shall be thru-bolted to the lock stile case.
  - c. Exit devices shall be attached with sex nuts and bolts on all doors. Finish on all exposed fasteners shall match devices.
10. Exit Device Dogging: Except on fire-rated doors where closers are provided, on doors equipped with exit devices, equip the units with keyed dogging devices to keep the latch bolt retracted, when engaged.
11. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated on schedule or one of the following products:
  - a. Precision Hardware, Inc.; Division of Dorma Kaba; Apex Series
  - b. SARGENT Manufacturing Company; an ASSA ABLOY Group company; 80 Series\*.
  - c. Von Duprin; a Division of Allegion; XP 98 Series.

## 2.7 LOCK CYLINDERS

- A. Lock Cylinders: BHMA A156.5; Grade 1, tumbler type, constructed from brass or bronze, stainless steel, or nickel silver and complying with the following:
  1. Number of Pins: Six.
  2. Mortise Type: Threaded cylinders with rings and straight- or clover-type cam.
  3. Rim Type: Cylinders with back plate, flat-type vertical or horizontal tailpiece, and raised trim ring.
  4. Bored-Lock Type: Cylinders with tailpieces to suit locks.
  5. Permanent Cores: Manufacturer's standard; finish face to match lockset.

6. Construction Keying: Comply with the following:
  - a. Construction Master Keys: Provide cylinders with feature that permits voiding of construction keys without cylinder removal. Provide 10 construction master keys.
7. Basis-of-Design Product: Provide product indicated on schedule only.
  - a. SARGENT Manufacturing Company; an ASSA ABLOY Group company.\*

## 2.8 KEYING

- A. Keying System: Factory registered, complying with guidelines in BHMA A156.28, Appendix A. Incorporate decisions made in keying conference.
  1. Grand Master Key System: Change keys, a master key, and a grand master key operate cylinders.
  2. Existing System:
    - a. Master key or grand master key locks to Owner's existing system.
  3. Keyed Alike: In areas where Owner requires “Keyed Alike” such as classrooms with “keyed Alike” teachers’ cabinets, do not furnish more than three keys total. Multiple keys for these situations are unwanted by the Owner.
- B. Keys: Nickel silver.
  1. Stamping: Permanently inscribe each key with a visual key control number and include the following notation:
    - a. Notation: "DO NOT DUPLICATE."
  2. Quantity: In addition to one extra key blank for each lock, provide the following:
    - a. Cylinder Change Keys: Three.
    - b. Master Keys: Six.
    - c. Grand Master Keys: Six.
    - d. Blanks: Provide 100 extra key blanks for the project.

## 2.9 OPERATING TRIM

- A. Operating Trim: BHMA A156.6; stainless steel, unless otherwise indicated.
  1. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated on schedule or comparable product by one of the following:
    - a. Burns Manufacturing Incorporated.
    - b. Hiawatha, Inc.
    - c. IVES Hardware; a Division of Allegion.

- d. Rockwood Manufacturing Company; An ASSA ABLOY Group Company.\*
  - e. Trimco.
- B. Mounting: Provide manufacturer’s standard exposed mounting for single units. Provide concealed thru-bolted trim on back-to-back mounted pulls. Provide mounting system shown in Hardware Schedule for back-to-back push/pull sets.
- C. Finish: US32D satin stainless steel.
- D. Removable Mullions: ANSI/BHMA A156.3 removable steel mullions with malleable-iron top and bottom retainers and a primed paint finish.
- 1. Provide keyed removable feature where specified in the Hardware Sets.
  - 2. Provide stabilizers and mounting brackets as required.
  - 3. Provide electrical quick connection wiring options as specified in the hardware sets.
  - 4. Acceptable Manufacturers:
    - a. Sargent Manufacturing - 980S Series.

## 2.10 FABRICATION

- A. Manufacturer's Nameplate: Do not provide products that have manufacturer's name or trade name displayed in a visible location except in conjunction with required fire-rated labels and as otherwise approved by Architect.
- 1. Manufacturer's identification is permitted on rim of lock cylinders only.
- B. Base Metals: Produce door hardware units of base metal indicated, fabricated by forming method indicated, using manufacturer's standard metal alloy, composition, temper, and hardness. Furnish metals of a quality equal to or greater than that of specified door hardware units and BHMA A156.18.
- C. Fasteners: Provide door hardware manufactured to comply with published templates prepared for machine, wood, and sheet metal screws. Provide screws that comply with commercially recognized industry standards for application intended, except aluminum fasteners are not permitted. Provide Phillips flat-head screws with finished heads to match surface of door hardware, unless otherwise indicated.
- 1. Concealed Fasteners: For door hardware units that are exposed when door is closed, except for units already specified with concealed fasteners. Do not use through bolts for installation where bolt head or nut on opposite face is exposed unless it is the only means of securely attaching the door hardware. Where through bolts are used on hollow door and frame construction, provide sleeves for each through bolt.
  - 2. Fire-Rated Applications:
    - a. Wood or Machine Screws: For the following:
      - 1) Hinges mortised to doors or frames; use threaded-to-the-head wood screws for wood doors and frames.
      - 2) Strike plates to frames.

- 3) Closers to doors and frames.
- b. Steel Through Bolts: For the following unless door blocking is provided:
  - 1) Surface hinges to doors.
  - 2) Closers to doors and frames.
  - 3) Surface-mounted exit devices.
  - 4) Electromagnetic door hold-open devices.
3. Spacers or Sex Bolts: For through bolting of hollow-metal doors.
4. Fasteners for Wood Doors: Comply with requirements in DHI WDHS.2, "Recommended Fasteners for Wood Doors."
5. Gasketing Fasteners: Provide noncorrosive fasteners for exterior applications and elsewhere as indicated.

## 2.11 FINISHES

- A. Provide finishes complying with BHMA A156.18 as indicated in door hardware schedule.
- B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- C. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. 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 PREPARATION

- A. Steel Doors and Frames: For surface applied door hardware, drill and tap doors and frames according to ANSI/SDI A250.6.
- B. Wood Doors: Comply with DHI WDHS.5 "Recommended Hardware Reinforcement Locations for Mineral Core Wood Flush Doors."

### 3.3 INSTALLATION

- A. Mounting Heights: 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. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."
- B. Install each door hardware item to comply with manufacturer's written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are existing or that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing. Do not install surface-mounted items until finishes have been completed on substrates involved.
  - 1. Set units level, plumb, and true to line and location. Adjust and reinforce attachment substrates as necessary for proper installation and operation.
  - 2. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.
- C. Hinges: Install types and in quantities indicated in door hardware schedule but not fewer than the number 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.
- D. Lock Cylinders: Install construction cores to secure building and areas during construction period.
  - 1. Replace construction cores with permanent cores as indicated in keying schedule.
- E. Key Control System: Tag keys and place them on markers and hooks in key control system cabinet, as determined by final keying schedule. Include all project keys.
- F. Boxed Power Supplies: Locate power supplies as indicated or, if not indicated, above accessible ceilings. Verify location with Architect.
  - 1. Configuration: Provide one power supply for each door opening with electrified door hardware.
- G. Thresholds: Set thresholds for exterior doors and other doors indicated in full bed of sealant complying with requirements specified in Section 079200 "Joint Sealants."
- H. Stops: Provide wall stops for doors unless floor or other type stops are indicated in door hardware schedule. Do not mount floor stops where they will impede traffic.
- I. Perimeter Gasketing: Apply to head and jamb, forming seal between door and frame.
- J. Meeting Stile Gasketing: Fasten to meeting stiles, forming seal when doors are closed.
- K. Door Bottoms: Apply to bottom of door, forming seal with threshold when door is closed.

### 3.4 FIELD QUALITY CONTROL

- A. Post Installation Inspection: At completion of hardware installation, the Hardware Supplier's Representative shall inspect all hardware installation to confirm that all specified hardware is installed and adjusted according to the manufacturer's recommendations. All deficiencies shall be corrected. A certificate of compliance signed by the hardware supplier indicating that all hardware is installed and working properly shall be submitted with the Project Closeout Documents.

### 3.5 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.

### 3.6 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 that door hardware is without damage or deterioration at time of Substantial Completion.

### 3.7 DEMONSTRATION

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain door hardware and door hardware finishes. Refer to Section 017900 "Demonstration and Training."

### 3.8 DOOR HARDWARE SCHEDULE

- A. Manufacturer's Abbreviations:

- 1. MK - McKinney
- 2. PE - Pemko
- 4. RO - Rockwood
- 5. SA - SARGENT
- 6. SU - Securitron
- 9. VD - Von Duprin



- 10. HS - HES
- 11. NO - Norton
- 12. HD - HID

**Hardware Sets**

**AD/ MS/ HS Set: 1:**

Doors: A01, A04, A05, A06, A07, A08, A09, A11, A12, AS01, AS06, AS09, AS10, AS11, AS12, AS13, AS14, AS15, AS16, AS17, AS18, AS21, AS22, AS23, AS24, AS26, AS27, DH01, DH06, DH07, DH08, DH09, DH14, DH15, DH16, DH17, DH18, DH19, DH20, DH22, DH23, DM01, DM04, DM05, DM07, DM08, DM09, DM10, DM11, DM12, EH07, EH09, EH10, EH11, EH12, EH13, EH15, EH16, EH17, EH18, EH19, EH20, EH21, EH22, EH23, EH24, EH25, EH26, EH27, EM01, EM04, EM05, EM06, EM07, EM08, EM09, EM11, EM12, F01, HH08, HH09, HH10, HH11, HH12, HH13, HH18, HH19, HH20, HH21, HH22, HH23, HH24, HH25, HH26, HH27, HM01, HM04, HM05, HM07, HM08, HM09, HM10, HM11, HM12, HM13, LGH08, LGH09, LGH10, LGH11, LGH22, LGH23, LGH25, LGH26, LGH27, LGH28, LGM01, LGM04, LGM05, LGM07, LGM08, LGM09, LGM10, LGM11, LGM12, LGM13, LH17, LH18, LH19, LH20, LHG12, LHG13, LHG18, LHG19, LHG20, LHG21, LM01, LM04, LM05, LM06, LM07, LM08, LM09, LM11, LM12, LS01, LS06, LS08, LS09, LS10, LS11, LS12, LS15, LS16, LS17, LS18, LS19, LS20, LS21, LS22, LS23, LS25, LS26, LS28, MA02, MA03, MA04, MA05, MA06, MA07, MA08, MA09, O08, O09, O10, O11, O18, O19, O20, O21, O22, O23, O25, O26, O27, OM01, OM04, OM05, OM06, OM07, OM08, OM09, OM11, OM12, SH07, SH10, SH12, SH14, SH15, SH16, SH17, SH18, SH19, SH20, SH21, SH22, SH24, SM01, SM04, SM05, SM06, SM07, SM08, SM09, SM10, T04, UH01, UH06, UH07, UH08, UH09, UH10, UH11, UH12, UH15, UH16, UH17, UH18, UH19, UH20, UH21, UH22, UM01, UM04, UM05, UM06, UM07, UM08, UM09, UM11, UM12, WH11, WH12, WH25, WH26, WH27, WM01, WM04, WM05, WM06, WM07, WM08, WM09, WM11, WM12

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1	Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1	Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1	Mounting Rail Insert	68-0550 F	US32D	SA
1	ElectroLynx Harness	QC-C2500P		MK ☐
1	ElectroLynx Harness	QC-C012		MK ☐
1	Wall Card Reader	By Access Control Sub	BLK	HD ☐
2	GRI Surface Door Contact	By Access Control Sub		SU ☐

1 Power Supply 24V By Access Control Sub SU ☐

Notes: Replace device rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**AD/ MS/ HS Set: 2**

Doors: I03

Description: Existing Door, Frame & Hardware - Replacement Lock - Added Electric Strike

1 Storeroom/Closet Lock	22 10XG04 LL	US26D	SA
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**AD/ MS/ HS Set: 3**

Doors: I04

Description: Existing Door, Frame & Hardware - Replacement Lock - Added Electric Strike

1 Storeroom/Closet Lock	22 10XG04 LL	US26D	SA
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1	SMART Pac Bridge Rectifier	2005M3		HS ☒
1	Electric Strike	8500-LBM 851M Option	630	HS ☒
1	Wall Card Reader	By Access Control Sub	BLK	HD ☒
1	GRI Surface Door Contact	By Access Control Sub		SU ☒
1	Power Supply	24V By Access Control Sub		SU ☒
1	Filler Plate	FC161		RO
1	Filler Plate	SFB160		RO
1	Filler Plate	LF161		RO

Notes: Replace lockset. Remove deadbolt and cover preps with filler plates.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**AD/ MS/ HS Set: 4**

Doors: LS07, SH11

Description: Existing Exterior Pair - Added Card Access - Electric Lock

1	Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1	Electrified Mortise Lock	22 NAC-82281-24v LNL	US26D	SA ☒
1	ElectroLynx Harness	QC-C2500P		MK ☒
1	ElectroLynx Harness	QC-C012		MK ☒
1	Wall Card Reader	By Access Control Sub	BLK	HD ☒
2	GRI Surface Door Contact	By Access Control Sub		SU ☒
1	Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace lockset and hinge.  
 Balance of existing hardware to remain.

Door contact switch indicates propped door condition.  
 Security management software and access control panel by others.  
 Prep door and hinge jamb for new electronic lock.  
 OPERATION: Card Reader outside temporarily unlocks outside lever: auto-relock. Electronic lock function is fail-secure with inside RX switch. Outside trim has key override. Inside trim always allows egress.

**AD/ MS/ HS Set: 5**

Doors: SM11

Description: Existing Exterior Pair - Added Card Access - Electric Lock

1	Hinge, Full Mortise, Hvy Wt	T4A3386 QC12 4-1/2" x 4-1/2"	US32D	MK ☒
1	Electrified Mortise Lock	22 NAC-82281-24v LNL	US26D	SA ☒
1	ElectroLynx Harness	QC-C2500P		MK ☒
1	ElectroLynx Harness	QC-C012		MK ☒
1	Wall Card Reader	By Access Control Sub	BLK	HD ☒
2	GRI Surface Door Contact	By Access Control Sub		SU ☒
1	Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace lockset and center hinge at active leaf. Verify compatibility with existing conditions. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Security management software and access control panel by others.  
 Prep door and hinge jamb for new electronic lock.  
 OPERATION: Card Reader outside temporarily unlocks outside lever: auto-relock. Electronic lock function is fail-secure with inside RX switch. Outside trim has key override. Inside trim always allows egress.

**AD/ MS/ HS Set: 6**

Doors: SH01, SH23

Description: Existing Exterior Exit Pair - Alarmed - Electric Replacement Rail + Replacement Hinge

1	Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1	Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1	Mounting Rail Insert	68-0550 F	US32D	SA
1	ElectroLynx Harness	QC-C2500P		MK ☐
1	ElectroLynx Harness	QC-C012		MK ☐
1	Wall Card Reader	By Access Control Sub	BLK	HD ☐
2	GRI Surface Door Contact	By Access Control Sub		SU ☐
1	Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace device rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**AD/ MS/ HS Set: 7**

Doors: SH08, SH09, WH07, WH08, WH09, WH10, WH17, WH18, WH19, WH20, WH21, WH22, WH23, WH24

Description: Existing Exterior Exit Pair - Added Dummy Pull - Electric Replacement Rail + Replacement Hinge

1	Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1	Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1	Mounting Rail Insert	68-0550 F	US32D	SA
1	Pull Trim & Escutcheon	832 PTB	US32D	SA
1	ElectroLynx Harness	QC-C2500P		MK ☐
1	ElectroLynx Harness	QC-C012		MK ☐
1	Wall Card Reader	By Access Control Sub	BLK	HD ☐
2	GRI Surface Door Contact	By Access Control Sub		SU ☐

1 Power Supply 24V By Access Control Sub SU ☐

Notes: Replace device rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**AD/ MS/ HS Set: 8**

Doors: F02, F03, F04, F05, F06, F07

Description: Existing Exterior Exit Pair - Trim Replacement - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Pull Trim & Escutcheon	842 PTB	US32D	SA
1 Rim Cylinder	22 34	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace device rail, outside trim & hinge. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**AD/ MS/ HS Set: 9**

Doors: UH14

Description: Existing Exterior Exit Pair + Auto Operator - Electric Replacement Rail + Replacement Hinge

1	Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1	Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1	Mounting Rail Insert	68-0550 F	US32D	SA
1	ElectroLynx Harness	QC-C2500P		MK ☒
1	ElectroLynx Harness	QC-C012		MK ☒
1	Wall Card Reader	By Access Control Sub	BLK	HD ☒
2	GRI Surface Door Contact	By Access Control Sub		SU ☒
1	Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace device rail & hinge at active leaf. Balance of existing hardware to remain.  
 Verify new hardware compatibility with existing conditions.  
 Door contact switch indicates propped door condition.  
 NOTE: Access control panel and security management software by security integrator.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card Reader outside temporarily retracts latchbolts and activates outside wall pushpad. Wall pushpad either side retracts latchbolts and cycle operators when activated.  
 Electronic device function is fail-secure with inside RX switch in rail. Active leaf device has outside key override. Inside rail always allows egress.

**AD/ MS/ HS Set: 10**

Doors: AS19, AS25

Description: Existing Exterior Exit - Replacement Trim - Electric Replacement Rail + Replacement Hinge

1	Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1	Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1	Mounting Rail Insert	68-0550 F	US32D	SA

1 Pull Trim & Escutcheon	842 PTB	US32D	SA
1 Rim Cylinder	22 34	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C012		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace device rail, keyed outside pull trim & hinge at active leaf. Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**AD/ MS/ HS Set: 11**

Doors: O12, O13, O28, O29

Description: Existing Exterior Exit Pair - Trim Replacement - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Pull Trim & Escutcheon	832 PTB	US32D	SA
1 Pull Trim & Escutcheon	842 PTB	US32D	SA
1 Rim Cylinder	22 34	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C012		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
2 GRI Surface Door Contact	By Access Control Sub		SU ☒



1 Power Supply 24V By Access Control Sub SU ☐

Notes: Replace device rail, outside trim, active leaf cylinder & hinge at active leaf.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**AD/ MS/ HS Set: 12**

Doors: EH01, EH06, EH08, HH01, HH07, HH14, HH15, HH17, LGH01, LGH07, LGH24, LHG14, LHG15, LHG17, O01, O14, O16, O17, O24, SM12, SM13, WH01, WH01A, WH13, WH15, WH16

Description: Existing Exterior Exit - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3309 for 'G' Rail (19-)	US32D	SA ☐
1 Mounting Rail Insert	68-0550 G	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace device rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**AD/ MS/ HS Set: 13**

Doors: LH01, LH06, LH07, LH08, LH09, LH10, LH11, LH12, LH15, LH16, LH21, LH22, LH23, LH24, LH25, LH26

Description: Existing Exterior Exit - Electric Replacement Rail + Replacement Hinge

1	Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1	Electric Latch Retraction Rail	68-3299 for 'F' Rail	US32D	SA ☐
1	Mounting Rail Insert	68-0550 F	US32D	SA
1	ElectroLynx Harness	QC-C2500P		MK ☐
1	ElectroLynx Harness	QC-C012		MK ☐
1	Wall Card Reader	By Access Control Sub	BLK	HD ☐
1	GRI Surface Door Contact	By Access Control Sub		SU ☐
1	Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace device rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**AD/ MS/ HS Set: 14**

Doors: LH13

Description: Existing Exterior Exit with ADA Operator - Electric Replacement Rail + Replacement Hinge

1	Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1	Electric Latch Retraction Rail	68-3299 for 'F' Rail	US32D	SA ☐
1	Mounting Rail Insert	68-0550 F	US32D	SA
1	ElectroLynx Harness	QC-C2500P		MK ☐
1	ElectroLynx Harness	QC-C012		MK ☐
1	Wall Card Reader	By Access Control Sub	BLK	HD ☐
1	GRI Surface Door Contact	By Access Control Sub		SU ☐

1 Power Supply 24V By Access Control Sub SU ☐

Notes: Replace device rail & hinge at active leaf. Balance of existing hardware to remain.  
 Verify new hardware compatibility with existing conditions.  
 Door contact switch indicates propped door condition.  
 NOTE: Access control panel and security management software by security integrator.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card Reader outside temporarily retracts latchbolts and activates outside wall pushpad. Wall pushpad either side retracts latchbolts and cycle operators when activated.  
 Electronic device function is fail-secure with inside RX switch in rail. Active leaf device has outside key override. Inside rail always allows egress.

**AD/ MS/ HS Set: 15**

Doors: I05

Description: Existing Exterior Exit - Added Card Access Electric Strike (commercial grade device)

1 Electric Strike	9600-LBM	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 Electronic Control	Door Contact		
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure. Outside key retracts latchbolt. Inside push rail is always free.

**AD/ MS/ HS Set: 16**

Doors: T08

Description: Existing Exterior Exit - Electronic Replacement Rail - Electronic Replacement Butt

Hinge

3 Hinge, Full Mortise	TA2314 QC12 4-1/2" x 4-1/2"	US32D	MK ☒
1 Electric Latch Retraction Rail	68-3299 for 'F' Rail	US32D	SA ☒
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C012		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace device rail & center hinge. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**AD/ MS/ HS Set: 17**

Doors: A10, AS20, DH12, DM06, EH14, EM10, HH16, HM06, LGM06, LH14, LHG16, LM10, LS05, M01, O15, OM10, SH13, T03, T05, T06, T07, T09, UH13, UM03, UM10, WH14, WM10

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	22 8204 LNL	US26D	SA
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock.  
 Make thumbturn inoperable before installing with new lock (used as cover plate).  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**AD/ MS/ HS Set: 18**

Doors: I01, I02, T01, T02

Description: Existing Exterior Storefront - Card Access Conversion - Magnetic Lock

1 Magnetic Lock	M62BD		SU ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Push Button	EEB2		SU ☐
1 Motion Sensor	XMS		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Balance of existing hardware to remain.  
 Verify new hardware compatibility with existing conditions.  
 Door contact switch indicates propped door condition.  
 OPERATION: Card reader outside, inside motion sensor or emergency exit button inside temporarily unlock magnetic lock: automatic relock. Magnetic lock is fail-safe. Lock can be out into passage mode by door control panel timer by alternating, remote key switch. .

**AD/ MS/ HS Set: 19**

Doors: AS07

Description: Existing Exterior Storefront Pair - Card Access Conversion - Magnetic Lock

2 Magnetic Lock	M62BD		SU ☐
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1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Push Button	EEB2		SU ☒
1 Motion Sensor	XMS		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Balance of existing hardware to remain.  
 Verify new hardware compatibility with existing conditions.  
 Door contact switch indicates propped door condition.  
 Prep doors and frame head for electronic locks.  
 OPERATION: Card reader outside, integral motion sensor or emergency exit button inside temporarily unlock magnetic lock: automatic relock. Magnetic lock is fail-safe. Lock can be out into passage mode by door control panel timer by alternating, remote key switch. .

**AD/ MS/ HS Set: 20**

Doors: AS28, AS29, AS30

Description: Existing Exit Pair - Electric Replacement Rail + Hinge

1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C012		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace rail & hinge at active leaf.  
 Verify fire rating.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**AD/ MS/ HS Set: 21**

Doors: A02, DM02, EM02, HM02, LM02, OM02, SM02, UM02, WM02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1	Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1	Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1	Dogging Kit	816-1	US32D	SA
1	Mortise Cylinder	22 41	US15	SA
1	ElectroLynx Harness	QC-C2500P		MK ☒
1	ElectroLynx Harness	QC-C012		MK ☒
1	Wall Card Reader	By Access Control Sub	BLK	HD ☒
2	GRI Surface Door Contact	By Access Control Sub		SU ☒
1	Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace rail & hinge at active leaf. Add dogging kit and cylinder at inactive leaf.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**AD/ MS/ HS Set: 22**

Doors: AS02, AS05, DH02, DH05, EH02, EH05, HH02, HH05, HH06, LGH02, LGH05, LGH06, LH02, LH05, O02, O03, O06, SH02, SH03, SH06, UH02, UH03, WH02, WH03, WH04

Description: Existing Exit Pair - Replacement Trim - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1	Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1	Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒

1 Dogging Kit	816-1	US32D	SA
1 Pull Trim & Escutcheon	832 PTB	US32D	SA
1 Pull Trim & Escutcheon	842 PTB	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 Rim Cylinder	22 34	US10BE	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace device rail, outside trim, active leaf cylinder & hinge at active leaf. Add dogging kit and cylinder at inactive leaf.

Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**AD/ MS/ HS Set: 23**

Doors: LGM02

Description: Existing Alarmed Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Dogging Kit	816-1	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐



1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
2 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace rail & hinge at active leaf. Add dogging kit at inactive leaf.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**AD/ MS/ HS Set: 24**

Doors:LSO2, LS04

Description: Existing Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C012		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
2 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace device rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**AD/ MS/ HS Set: 25**

Doors:, LS13, LS14, LS24, LS27

Description: Existing Exit - Electric Replacement Rail + Replacement Hinge

1	Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1	Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1	Mounting Rail Insert	68-0550 F	US32D	SA
1	ElectroLynx Harness	QC-C2500P		MK ☒
1	ElectroLynx Harness	QC-C012		MK ☒
1	Wall Card Reader	By Access Control Sub	BLK	HD ☒
1	GRI Surface Door Contact	By Access Control Sub		SU ☒
1	Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace device rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**AD/ MS/ HS Set: 26**

Doors: A03, AS03, AS04, AS31, DH03, DH04, DM03, EH03, EH04, EM03, HH03, HH04, HM03, LGH03, LGH04, LGM03, LH03, LH04, LM03, LS03, O04, O05, OM03, SH04, SH05, SM03, UH04, UH05, WH05, WH06, WM03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1	Storeroom/Closet Lock	22 8204 LNL	US26D	SA
1	SMART Pac Bridge Rectifier	2005M3		HS ☒
1	Electric Strike	8500-LBM 851M Option	630	HS ☒
1	Wall Card Reader	By Access Control Sub	BLK	HD ☒
1	GRI Surface Door Contact	By Access Control Sub		SU ☒

1 Power Supply                      24V By Access Control Sub                      SU ☐

Notes: Replace existing lockset but retain keyed cylinder to be used with replacement lock.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock.  
 Electric strike is fail-secure with integral latch bolt monitor switch.

**AD/ MS/ HS Set: 27**

Doors: MA01

Description: Existing Exterior Electronic Control - Added Outside Card Reader

1 Wall Card Reader                      By Access Control Sub                      BLK                      HD ☐

Notes: Balance of existing hardware to remain.  
 Added card reader outside allows valid card holder to access corridor from exterior.

**AD/ MS/ HS Set: 28**

Doors: AS08, DH10, DH11, DH13, DH21, M02, O07

Description: Existing Exterior Exit Pair - Electric ELR Conversion + Replacement Hinge

1 Continuous Hinge	DFM83SF-HD1 SER12		PE ☐
1 REX Switch Kit	#050251-00 VD RX Switch		VD
1 Electromechanical Conversion Kit	#958003 for QEL Function		VD
1 Rim Cylinder	22 34	US10BE	SA
1 Door Pull	BF 111 Mtg-Type 1	US10BE	RO
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐

1 GRI Surface Door Contact	By Access Control Sub	SU ☐
1 Power Supply	PS914 As Required	VD ☐

Notes: Notes: Replace hinge an install QEL & REX conversion kits. Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**AD/ MS/ HS Set: 29**

Doors: I06

Description: Existing Exterior Exit Pair - Electric ELR Conversion + Replacement Hinge

1 Continuous Hinge	DFM83SF-HD1 SER12	PE ☐
1 REX Switch Kit	#050251-00 VD RX Switch	VD
1 Electromechanical Conversion Kit	#958003 for QEL Function	VD
1 ElectroLynx Harness	QC-C2500P	MK ☐
1 ElectroLynx Harness	QC-C012	MK ☐
1 Wall Card Reader	By Access Control Sub	BLK
1 GRI Surface Door Contact	By Access Control Sub	HD ☐
1 Power Supply	PS914 As Required	SU ☐
		VD ☐

Notes: Install electronic conversion kit & hinge. Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**AD/ MS/ HS Set: 30**

Doors: DH24

Description: Existing Exterior Exit Pair - Added Dummy Pull - Electric Replacement Rail + Replacement Hinge

1	Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
2	REX Switch Kit	#050251-00 VD RX Switch		VD
2	Electromechanical Conversion Kit	#958003 for QEL Function		VD
2	Nightlatch Function Trim	990NL	US32D	VD
2	Rim Cylinder	22 34	US15	SA
1	ElectroLynx Harness	QC-C2500P		MK ☒
1	ElectroLynx Harness	QC-C012		MK ☒
1	Wall Card Reader	By Access Control Sub	BLK	HD ☒
2	GRI Surface Door Contact	By Access Control Sub		SU ☒
1	Power Supply	PS914 As Required		VD ☒

Notes: Replace device rail, outside pull trim & hinge at active leaf. Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**AD/ MS/ HS Set: 31**

Doors: LS29, LS30, LS31

Description: Existing Exit Pair - Electric Replacement Rail + Replacement Hinge

1	Hinge, Full Mortise, Hvy Wt	T4A3786 QC12 4-1/2" x 4-1/2"	US26D	MK ☒
1	Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1	Mounting Rail Insert	68-0550 F	US32D	SA

1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace device rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 32**

Doors: A01, A04, A05, A06, A07, A08, A09, A11

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 33**

Doors: A03

Description: Existing Door, Frame & Hardware - Added Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security management software by others.

Prep strike jamb for electrical component.

OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 34**

Doors: A02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1 Dogging Kit	816-1	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C012		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
2 GRI Surface Door Contact	By Access Control Sub		SU ☒

1 Power Supply 24V By Access Control Sub SU ☒

Notes: Replace rail & hinge at active leaf. Add dogging kit at inactive leaf.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 35**

Doors: A10

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 36**

Doors: B01, B04, B05, B06, B07, B08, B09, B11, B12, B13

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge



1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 37**

Doors: B10

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate).  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.

Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 38**

Doors: B03

Description: Existing Door, Frame & Hardware - Added Electric Strike

1 Storerroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 39**

Doors: B02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1 Dogging Kit	816-1	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C012		MK ☒

1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Add dogging kit at inactive leaf.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 40**

Doors: C01, C04, C05, C06, C07, C08, C10

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 41**

Doors: C09

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security management software by others.

Prep strike jamb for electrical component.

OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 42**

Doors: C02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C400P		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒

1 GRI Surface Door Contact	By Access Control Sub	SU ☐
1 Power Supply	24V By Access Control Sub	SU ☐

Notes: Replace rail & hinge at active leaf. Add dogging kit at inactive leaf.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 43**

Doors: C03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 44**

Doors: D01, D04, D05, D06, D07, D08, D09, D11, D12, D13

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 45**

Doors: D10

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate).  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.

Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 46**

Doors: D02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C400P		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Add dogging kit at inactive leaf.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 47**

Doors: D03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storerroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 48**

Doors: E01, E04, E05, E06, E08, E09, E10, E11, E12, E13

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C012		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
2 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is



fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 49**

Doors: E07

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security management software by others.

Prep strike jamb for electrical component.

OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 50**

Doors: E02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA

1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C400P		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace rail & hinge at active leaf. Add dogging kit at inactive leaf.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 51**

Doors: E03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset.

Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security management software by others.

Prep strike jamb for electrical component.

OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 52**

Doors: EA01, EA04, EA06, EA07, EA08, EA09, EA10, EA11, EA12, EA13, EA14, EA15

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 53**

Doors: EA05

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐

1 Power Supply 24V By Access Control Sub SU ☒

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 54**

Doors: EA02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C400P		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace rail & hinge at active leaf. Add dogging kit at inactive leaf.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 55**

Doors: EA03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 56**

Doors: F01, F04, F05, F06, F07, F08, F09, F11, F12, F13

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

2 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3299 for 'F' Rail	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.

Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 57**

Doors: F10

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 58**

Doors: F02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐

1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C400P		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Add dogging kit at inactive leaf.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 59**

Doors: F03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.

OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 60**

Doors: FV01, FV04, FV05, FV06, FV07, FV08, FV09, FV10, FV11, FV12, FV13, FV14, FV15, FV16

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 61**

Doors: FV02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

2 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Dogging Kit	816-1	US32D	SA



1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C400P		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
2 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace rail & hinge at active leaf. Add dogging kit at inactive leaf.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 62**

Doors: FV03, FV17

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 63**

Doors: H01, H04, H05, H06, H07, H08, H09, H10, H11, H12, H13, H14

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 64**

Doors: H02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit & Rim Cylinder

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA

1 Mortise Cylinder	22 41	US15	SA
1 Rim Cylinder	22 34	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C400P		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace rail & hinge at active leaf. Add dogging kit at adjacent leaf.  
 Replace existing cylinder with rim cylinder to convert trim to 04 function.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 65**

Doors: H03, H15

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike

is fail-secure with integral latch bolt monitor switch.

**Elem Set: 66**

Doors: HF01, HF05

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 67**

Doors: HF06

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail (8500)	68-3315 for 'F' Rail (19-)	US10B	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐

1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 68**

Doors: HF04, HF08, HF09, HF10, HF12

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3299 for 'F' Rail	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 69**

Doors: HF02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C400P		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Add dogging kit at inactive leaf.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 70**

Doors: HF03, HF07

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐

1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 71**

Doors: HF11, HF13

Description: Existing Exterior Exit Pair - Added Electric Device Conversion

1 Electromechanical Conversion Kit	#958003 for QEL Function		VD
1 REX Switch Kit	#050251-00 VD RX Switch		VD
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C012		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
2 GRI Surface Door Contact	By Access Control Sub		SU ☒

Notes: Mount electric strike on mullion at active leaf.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep mullion for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock.  
 Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set:72**

Doors: L11, L12, L13

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 73**

Doors: L01, L04, L05, L06, L07, L08, L09

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

2 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3299 for 'F' Rail	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐



Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 74**

Doors: L10

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 75**

Doors: L02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

2 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
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1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C400P		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Add dogging kit at inactive leaf.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 76**

Doors: L03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.

Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 77**

Doors: LG01, LG04, LG05, LG06, LG07, LG08

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 78**

Doors: LG02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA

1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C400P		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace rail & hinge at active leaf. Add dogging kit at adjacent leaf.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 79**

Doors: LG03, LG09

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset.

Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security management software by others.

Prep strike jamb for electrical component.

OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 80**

Doors: M07

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security management software by others.

Prep strike jamb for electrical component.

OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 81**

Doors: M02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C400P		MK ☐

1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Add dogging kit at inactive leaf.  
 Balance of hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 82**

Doors: M03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 83**

Doors: M01, M04, M05, M08, M09, M10, M11, M13

Description: Existing Exterior Exit Pair - Added Electric Device Conversion

1 Electromechanical Conversion Kit	#958003 for QEL Function		VD
1 REX Switch Kit	#050251-00 VD RX Switch		VD
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C012		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
2 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	PS914 As Required		VD ☒

Notes: Mount electric strike on mullion at active leaf.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep mullion for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock.  
 Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 84**

Doors: M06, M12

Description: Existing Exterior Exit Pair + Added Electric Device Conversion + Added Cylinder Dogging Kit

1 Cylinder Dogging Conversion Kit	050115	US28	VD
1 Electromechanical Conversion Kit	#958003 for QEL Function		VD
1 REX Switch Kit	#050251-00 VD RX Switch		VD
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C012		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
2 GRI Surface Door Contact	By Access Control Sub		SU ☒

1 Power Supply PS914 As Required VD ☐

Notes: Mount electric strike on mullion at active leaf. Add dogging kit at inactive leaf.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep mullion for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock.  
 Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 85**

Doors: N01, N04, N05, N06, N07, N08, N09, N11, N12, N13

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 86**

Doors: N10



Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security management software by others.

Prep strike jamb for electrical component.

OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 87**

Doors: N02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C400P		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
2 GRI Surface Door Contact	By Access Control Sub		SU ☒

1 Power Supply 24V By Access Control Sub SU ☐

Notes: Replace rail & hinge at active leaf. Add dogging kit at inactive leaf.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 88**

Doors: N03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 89**

Doors: O09, O10, O11, O12, O13, O14

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge CFM83SLF-HD1 SER12 PE ☐

1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 90**

Doors: O01, O04, O05, O06, O08, O15, O16, O17

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3299 for 'F' Rail	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 91**

Doors: 007

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security management software by others.

Prep strike jamb for electrical component.

OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 92**

Doors: 002

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1 Dogging Kit	816-1	US32D	SA

1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C400P		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
2 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace rail & hinge at active leaf. Add dogging kit at inactive leaf.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 93**

Doors: 003

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 94**

Doors: OK01, OK04, OK05, OK06, OK07, OK08, OK09, OK10, OK12

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 95**

Doors: OK11

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐

1 GRI Surface Door Contact	By Access Control Sub	SU ☐
1 Power Supply	24V By Access Control Sub	SU ☐

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 96**

Doors: OK02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12	PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D SA ☐
1 Dogging Kit	816-1	US32D SA
1 Mounting Rail Insert	68-0550 F	US32D SA
1 Mortise Cylinder	22 41	US15 SA
1 ElectroLynx Harness	QC-C2500P	MK ☐
1 ElectroLynx Harness	QC-C400P	MK ☐
1 Wall Card Reader	By Access Control Sub	BLK HD ☐
2 GRI Surface Door Contact	By Access Control Sub	SU ☐
1 Power Supply	24V By Access Control Sub	SU ☐

Notes: Replace rail & hinge at active leaf. Add dogging kit at inactive leaf.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 97**

Doors: OK03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset.

Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security management software by others.

Prep strike jamb for electrical component.

OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 98**

Doors: P01, P04, P05, P06, P08, P09, P10, P11, P12, P13

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C012		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
2 GRI Surface Door Contact	By Access Control Sub		SU ☒



1 Power Supply 24V By Access Control Sub SU ☒

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 99**

Doors: P07

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 100**

Doors: P02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C400P		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Add dogging kit at inactive leaf.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 101**

Doors: P03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset.

Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 102**

Doors: PC01

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C012		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
2 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 103**

Doors: PC07

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
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1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 104**

Doors: PC03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 105**

Doors: PC04, PC05, PC06, PC08, PC09, PC10, PC11, PC12, PC13

Description: Existing Exterior Exit Pair - Added Electric Device Conversion

1 Electromechanical Conversion Kit	#958003 for QEL Function		VD
1 REX Switch Kit	#050251-00 VD RX Switch		VD
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	PS914 As Required		VD ☐

Notes: Install QEL conversion kit at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 106**

Doors: PC02

Description: Existing Exterior Exit Pair - Added Electric Conversion Kit + Added Cylinder Dogging

2 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Dogging Kit	816-1	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐

1 GRI Surface Door Contact	By Access Control Sub	SU ☐
1 Power Supply	24V By Access Control Sub	SU ☐

Notes: Replace rail & hinge at active leaf. Add dogging kit at inactive leaf.  
 Balance of hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 107**

Doors: RC01, RC04, RC05, RC06, RC07, RC08, RC09, RC11, RC12, RC13

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

2 Continuous Hinge	CFM83SLF-HD1 SER12	PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D SA ☐
1 Mounting Rail Insert	68-0550 F	US32D SA
1 ElectroLynx Harness	QC-C2500P	MK ☐
1 ElectroLynx Harness	QC-C012	MK ☐
1 Wall Card Reader	By Access Control Sub	BLK HD ☐
2 GRI Surface Door Contact	By Access Control Sub	SU ☐
1 Power Supply	24V By Access Control Sub	SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 108**

Doors: RC10

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security management software by others.

Prep strike jamb for electrical component.

OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 109**

Doors: RC02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C400P		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒

2 GRI Surface Door Contact	By Access Control Sub	SU ☐
1 Power Supply	24V By Access Control Sub	SU ☐

Notes: Replace rail & hinge at active leaf. Add dogging kit at inactive leaf.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 110**

Doors: RC03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 111**

Doors: RO01, RO010, RO011, RO012, RO013, RO04, RO05, RO06, RO08, RO09

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge



1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 112**

Doors: RO07

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate).  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.

Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 113**

Doors: RO02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C400P		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
2 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace rail & hinge at active leaf. Add dogging kit at inactive leaf.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 114**

Doors: RO03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 115**

Doors: RS01, RS04, RS05, RS06, RS07, RS08, RS09, RS11, RS12, RS13

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C012		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
2 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is

fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 116**

Doors: RS10

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security management software by others.

Prep strike jamb for electrical component.

OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 117**

Doors: RS02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA

1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C400P		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
2 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace rail & hinge at active leaf. Add dogging kit at inactive leaf.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 118**

Doors: RS03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset.

Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security management software by others.

Prep strike jamb for electrical component.

OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 119**

Doors: S01, S04, S05, S06, S07, S08, S09, S10, S11, S13, S14, S15, S16, S17

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 120**

Doors: S02

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Mortise Cylinder	22 41	US15	SA

1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C400P		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Add dogging kit at adjacent leaf.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 121**

Doors: S12

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 122**

Doors: S03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset.

Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security management software by others.

Prep strike jamb for electrical component.

OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 123**

Doors: SB01, SB010, SB011, SB04, SB05, SB06, SB07, SB08, SB09

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C012		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
2 GRI Surface Door Contact	By Access Control Sub		SU ☒



1 Power Supply 24V By Access Control Sub SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 124**

Doors: SB012

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 125**

Doors: SB02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C400P		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Add dogging kit at adjacent leaf.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 126**

Doors: SB03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset.

Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 127**

Doors: T01, T04, T05, T06, T07, T08, T09, T11, T12, T13

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C012		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
2 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 128**

Doors: T10

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
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1 Electric Strike	8500-LBM 851M Option	630	HS	☐
1 SMART Pac Bridge Rectifier	2005M3		HS	☐
1 Wall Card Reader	By Access Control Sub	BLK	HD	☐
1 GRI Surface Door Contact	By Access Control Sub		SU	☐
1 Power Supply	24V By Access Control Sub		SU	☐

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 129**

Doors: T02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE	☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA	☐
1 Dogging Kit	816-1	US32D	SA	
1 Mounting Rail Insert	68-0550 F	US32D	SA	
1 Mortise Cylinder	22 41	US15	SA	
1 ElectroLynx Harness	QC-C2500P		MK	☐
1 ElectroLynx Harness	QC-C400P		MK	☐
1 Wall Card Reader	By Access Control Sub	BLK	HD	☐
2 GRI Surface Door Contact	By Access Control Sub		SU	☐
1 Power Supply	24V By Access Control Sub		SU	☐

Notes: Replace rail & hinge at active leaf. Add dogging kit at adjacent leaf.  
 Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 130**

Doors: T03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 131**

Doors: TR01, TR04, TR05, TR06, TR08, TR09, TR10, TR11, TR12, TR13

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒

1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 132**

Doors: TR03, TR07

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 133**

Doors: TR02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C400P		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Add dogging kit at adjacent leaf.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 134**

Doors: UG01, UG04, UG05, UG06, UG08, UG09, UG10, UG11, UG12, UG13

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐

1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 135**

Doors: UG07

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.



**Elem Set: 136**

Doors: UG02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C400P		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Add dogging kit at adjacent leaf.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 137**

Doors: UG03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐

1 GRI Surface Door Contact	By Access Control Sub	SU ☐
1 Power Supply	24V By Access Control Sub	SU ☐

Notes: Replace existing lockset.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 138**

Doors: W01, W04, W05, W06, W07, W08, W09, W11, W12, W13

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12	PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D SA ☐
1 Mounting Rail Insert	68-0550 F	US32D SA
1 ElectroLynx Harness	QC-C2500P	MK ☐
1 ElectroLynx Harness	QC-C012	MK ☐
1 Wall Card Reader	By Access Control Sub	BLK HD ☐
2 GRI Surface Door Contact	By Access Control Sub	SU ☐
1 Power Supply	24V By Access Control Sub	SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 139**

Doors: W10

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security management software by others.

Prep strike jamb for electrical component.

OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 140**

Doors: W02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☒
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☒
1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☒
1 ElectroLynx Harness	QC-C400P		MK ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
2 GRI Surface Door Contact	By Access Control Sub		SU ☒

1 Power Supply 24V By Access Control Sub SU ☒

Notes: Replace rail & hinge at active leaf. Add dogging kit at adjacent leaf.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 141**

Doors: W03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☒
1 SMART Pac Bridge Rectifier	2005M3		HS ☒
1 Wall Card Reader	By Access Control Sub	BLK	HD ☒
1 GRI Surface Door Contact	By Access Control Sub		SU ☒
1 Power Supply	24V By Access Control Sub		SU ☒

Notes: Replace existing lockset.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 142**

Doors: WC01, WC04, WC05, WC06, WC08, WC09, WC10, WC11, WC12, WC13

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge CFM83SLF-HD1 SER12 PE ☒

1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 143**

Doors: WC07

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.

OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 144**

Doors: WC02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Mortise Cylinder	22 41	US15	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C400P		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Add dogging kit at adjacent leaf.

Door contact switch indicates propped door condition.

Access control panel and security software by security contractor.

Prep door and hinge jamb for electromechanical device.

OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 145**

Doors: WC03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
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1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

**Elem Set: 146**

Doors: WL01, WL04, WL05, WL06, WL07, WL08, WL10

Description: Existing Exterior Exit Pair - Electric Replacement Rail + Replacement Hinge

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C012		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 147**

Doors: WL09

Description: Existing Exterior Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset but retain keyed cylinder & inside thumbturn to be used with replacement lock. Make thumbturn inoperable before installing with new lock (used as cover plate). Balance of existing hardware to remain.

Door contact switch indicates propped door condition.

Access control panel and security management software by others.

Prep strike jamb for electrical component.

OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike

is fail-secure with integral latch bolt monitor switch.

**Elem Set: 148**

Doors: WL02

Description: Existing Exit Pair - Electric Replacement Rail + Hinge + Added Cylinder Dogging Kit

1 Continuous Hinge	CFM83SLF-HD1 SER12		PE ☐
1 Electric Latch Retraction Rail	68-3310 for 'F' Rail (19-)	US32D	SA ☐
1 Dogging Kit	816-1	US32D	SA
1 Mounting Rail Insert	68-0550 F	US32D	SA
1 Mortise Cylinder	22 41	US15	SA



1 ElectroLynx Harness	QC-C2500P		MK ☐
1 ElectroLynx Harness	QC-C400P		MK ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
2 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace rail & hinge at active leaf. Add dogging kit at adjacent leaf.  
 Door contact switch indicates propped door condition.  
 Access control panel and security software by security contractor.  
 Prep door and hinge jamb for electromechanical device.  
 OPERATION: Card reader outside temporarily retracts latchbolt at active leaf - auto relock. Device is fail-secure with inside RX switch and outside key override. Inside pushbar always allows egress.

**Elem Set: 149**

Doors: WL03

Description: Existing Door, Frame & Hardware - New Storeroom Function Lock & Electric Strike

1 Storeroom/Closet Lock	LC 8204 LNL	US26D	SA
1 Electric Strike	8500-LBM 851M Option	630	HS ☐
1 SMART Pac Bridge Rectifier	2005M3		HS ☐
1 Wall Card Reader	By Access Control Sub	BLK	HD ☐
1 GRI Surface Door Contact	By Access Control Sub		SU ☐
1 Power Supply	24V By Access Control Sub		SU ☐

Notes: Replace existing lockset.  
 Balance of existing hardware to remain.  
 Door contact switch indicates propped door condition.  
 Access control panel and security management software by others.  
 Prep strike jamb for electrical component.  
 OPERATION: Outside card reader temporarily unlocks electric strike: automatic relock. Electric strike is fail-secure with integral latch bolt monitor switch.

END OF SECTION 087100