

laughlin ricks architecture

134 3rd Ave E
Twin Falls, ID 83301
208.736.8050

Addendum NO. 2

PROJECT: Phase 1 Part A
Wright Ave Jail
Date: August 12, 2024

To the General Contractor, Subcontractors and Suppliers:

The following items contain additions, deletions, or modifications to the Plans and Specifications. This Addendum forms a part of the Contract Documents and shall be bound inside the cover of the Project Manual.

General Contractor shall be responsible for contacting their sub-contractors as this addendum may affect them.

Bidders shall acknowledge receipt of this Addendum on the Contractor Bid Proposal.

GENERAL NOTES/QUESTIONS:

1. Detention Locks and Door Position Switches can be bid as an alternate bid. This alternate will be provided on the bid form.
2. All doors and frames shall be detention doors. Refer to door schedule. Door thickness shall be 2"
3. Retaining Wall Section on Sheet S1.4 is not used at this time
4. No paint is required on existing cell ceilings
5. The water based alkyd urethane is an approved substitution to the epoxy paint.
6. All existing doors & frames and all new doors and frames shall be painted
7. All metal braces, stainless wrap, & steel square tube associated with shelves on A1A-10.9 # 1, 2, 3, 5 shall be part of Bid Package 6
8. No epoxy floor coatings to be provided on this phase.
9. Existing bunks, shelves, hooks, etc to remain in cells.
10. Detention Furniture Counts
 - a. Bunks: 17
 - b. Tables: 1
 - c. Detention Stools:6
 - d. Detention Bench:1

SPECIFICATIONS MANUAL:

REPLACE ENTIRE SECTION:087100 DOOR HARDWARE
With SECTION 087183 DOOR HARDWARE

SECTION TABLE OF CONTENTS

At 087100 Detention Door Hardware, Change ~~087100~~ to 087183

SECTION 085653 – SECURITY WINDOWS

At 2.1, C., 1., c., Change ~~Level 2~~ to Level 3

SECTION 088853 – SECURITY GLAZING

At 3.6, B Security Glazing Type SG 2, Add (NOT USED)

ARCHITECTURAL DRAWINGS

REVISE Sheet A1A-1.2 per Attached.
REVISE Sheet A1A-8.0 per Attached.
REVISE Sheet A1A-9.0 per Attached.
REVISE Sheet A1A-9.1 per Attached.

Laughlin Ricks Architecture, LLC



Summary of Attachments to Addendum No. 1

(Bidders check to verify receipt of all attachments.)

OTHER

Specification manual: SECTION 087183 DOOR HARDWARE

ARCHITECTURAL DRAWINGS

Sheet A1A-1.2

Sheet A1A-8.0.

Sheet A1A-9.0

Sheet A1A-9.1

END OF ADDENDUM No. 2

CONTRACTOR BID PROPOSAL

Twin Falls County Jail-Wright Ave Renovation and Expansion

TO: Starr Corporation
2995 East 3600 North
Twin Falls, Idaho 83301
tfcountybids@starrcorporation.com

BIDDER: _____

The Bidder, having examined the bidding and contract documents, and the site of the proposed work and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all labor, equipment, materials and supplies to complete the work as outlined in the contract documents and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the Contract Documents of which this proposal is a part.

The preliminary construction schedule is included with the bid documents to provide a general understanding of the schedule requirements and the crew size required to meet this schedule. Bidder agrees to immediately begin submittals. Bidder to submit completed shop drawings within two weeks of receipt of contract.

Bidder acknowledges receipt of Addenda No. _____, _____, _____, _____

Bid Package No. _____ Bid Package Description _____

Amount (numerically) \$ _____

Amount (written) _____

Rock Excavation-Site Package Only-

Provide a unit cost and total for rock removal based on 300CY of rock removal for bid comparison purposes. Rock removal to be paid based on actual quantity.

Cubic Yard Price \$ _____ X 300CY = \$ _____

Bid Package 10: Bid Package Description: Alternate For Detention Locks and Door Position Switches

Amount (numerically) \$ _____

Amount (written) _____

Payment and Performance Bond may be required. Price to provide Payment and Performance Bond for the work associated with this bid package.

Amount (numerically) \$ _____

Amount (written) _____



Bidder understands that Starr Corporation reserves the right to reject any or all bids and to waive any informalities in the bidding.

The bidder agrees that this bid shall be good and may not be withdrawn for a period of 30 calendar days after the scheduled closing time for receiving bids.

Any modification or addition to this Bid Proposal may render the bid unresponsive and void.

The Undersigned notifies that he is of this date duly licensed as an Idaho Public Works Contractor and further that he possesses Idaho Public Works Contractor's License No. _____ and is domiciled in the State of _____.

Contractor Registration Number RCE_____.

Dated this _____ day of _____, 2024.
(date) (month)

Respectfully submitted,

By: _____
(Company)

Corporate Seal, if applicable

(Business Address)

(Signature)

(Title)

(Telephone Number)

Include the following with your completed bid form:

Drug and Alcohol-Free Workplace Affidavit



SECTION 087163 - DOOR HARDWARE

PART 1 - GENERAL

1.01 SUMMARY

A. Section includes:

1. Mechanical and electrified door hardware
2. Electronic access control system components

B. Section excludes:

1. Windows
2. Cabinets (casework), including locks in cabinets
3. Signage
4. Toilet accessories
5. Overhead doors

C. Related Sections:

1. Division 01 "General Requirements" sections for Allowances, Alternates, Owner Furnished Contractor Installed, Project Management and Coordination.
2. Division 06 Section "Rough Carpentry"
3. Division 06 Section "Finish Carpentry"
4. Division 07 Section "Joint Sealants" for sealant requirements applicable to threshold installation specified in this section.
5. Division 08 Sections:
 - a. "Detention Doors and Frames"
 - b. "Sectional Overhead Doors"
 - c. "Security Windows"
 - d. "Security Glazing"
6. Division 26 "Electrical" sections for connections to electrical power system and for low-voltage wiring.
7. Division 28 "Electronic Safety and Security" sections for coordination with other components of electronic access control system and fire alarm system.

1.02 REFERENCES

A. UL LLC

1. UL 10B - Fire Test of Door Assemblies
2. UL 10C - Positive Pressure Test of Fire Door Assemblies
3. UL 1784 - Air Leakage Tests of Door Assemblies
4. UL 305 - Panic Hardware

B. DHI - Door and Hardware Institute

1. Sequence and Format for the Hardware Schedule
2. Recommended Locations for Builders Hardware
3. Keying Systems and Nomenclature
4. Installation Guide for Doors and Hardware

C. NFPA – National Fire Protection Association

1. NFPA 70 – National Electric Code
2. NFPA 80 – 2016 Edition – Standard for Fire Doors and Other Opening Protectives
3. NFPA 101 – Life Safety Code
4. NFPA 105 – Smoke and Draft Control Door Assemblies
5. NFPA 252 – Fire Tests of Door Assemblies

D. ANSI - American National Standards Institute

1. ANSI A117.1 – 2017 Edition – Accessible and Usable Buildings and Facilities
2. ANSI/BHMA A156.1 - A156.29, and ANSI/BHMA A156.31 - Standards for Hardware and Specialties
3. ANSI/BHMA A156.28 - Recommended Practices for Keying Systems
4. ANSI/WDMA I.S. 1A - Interior Architectural Wood Flush Doors
5. ANSI/SDI A250.8 - Standard Steel Doors and Frames

1.03 SUBMITTALS

A. General:

1. Submit in accordance with Conditions of Contract and Division 01 Submittal Procedures.
2. Prior to forwarding submittal:
 - a. Review drawings and Sections from related trades to verify compatibility with specified hardware.
 - b. Highlight, encircle, or otherwise specifically identify on submittals: deviations from Contract Documents, issues of incompatibility or other issues which may detrimentally affect the Work.

B. Action Submittals:

1. Product Data: Submit technical product data for each item of door hardware, installation instructions, maintenance of operating parts and finish, and other information necessary to show compliance with requirements.
2. Riser and Wiring Diagrams: After final approval of hardware schedule, submit details of electrified door hardware, indicating:
 - a. Wiring Diagrams: For power, signal, and control wiring and including:
 - 1) Details of interface of electrified door hardware and building safety and security systems.
 - 2) Schematic diagram of systems that interface with electrified door hardware.
 - 3) Point-to-point wiring.
 - 4) Risers.
3. Samples for Verification: If requested by Architect, submit production sample of requested door hardware unit in finish indicated and tagged with full description for coordination with schedule.
 - a. Samples will be returned to supplier. Units that are acceptable to Architect may, after final check of operations, be incorporated into Work, within limitations of key coordination requirements.
4. Door Hardware Schedule:
 - a. Submit concurrent with submissions of Product Data, Samples, and Shop Drawings. Coordinate submission of door hardware schedule with scheduling requirements of other work to facilitate fabrication of other work critical in Project construction schedule.

- b. Submit under direct supervision of a Door Hardware Institute (DHI) certified Architectural Hardware Consultant (AHC) or Door Hardware Consultant (DHC) with hardware sets in vertical format as illustrated by Sequence of Format for the Hardware Schedule published by DHI.
 - c. Indicate complete designations of each item required for each opening, include:
 - 1) Door Index: door number, heading number, and Architect's hardware set number.
 - 2) Quantity, type, style, function, size, and finish of each hardware item.
 - 3) Name and manufacturer of each item.
 - 4) Fastenings and other pertinent information.
 - 5) Location of each hardware set cross-referenced to indications on Drawings.
 - 6) Explanation of all abbreviations, symbols, and codes contained in schedule.
 - 7) Mounting locations for hardware.
 - 8) Door and frame sizes and materials.
 - 9) Degree of door swing and handing.
 - 10) Operational Description of openings with electrified hardware covering egress, ingress (access), and fire/smoke alarm connections.
5. Key Schedule:
- a. After Keying Conference, provide keying schedule that includes levels of keying, explanations of key system's function, key symbols used, and door numbers controlled.
 - b. Use ANSI/BHMA A156.28 "Recommended Practices for Keying Systems" as guideline for nomenclature, definitions, and approach for selecting optimal keying system.
 - c. Provide 3 copies of keying schedule for review prepared and detailed in accordance with referenced DHI publication. Include schematic keying diagram and index each key to unique door designations.
 - d. Index keying schedule by door number, keyset, hardware heading number, cross keying instructions, and special key stamping instructions.
 - e. Provide one complete bitting list of key cuts and one key system schematic illustrating system usage and expansion. Forward bitting list, key cuts and key system schematic directly to Owner, by means as directed by Owner.
 - f. Prepare key schedule by or under supervision of supplier, detailing Owner's final keying instructions for locks.

C. Informational Submittals:

- 1. Provide Qualification Data for Supplier, Installer and Architectural Hardware Consultant.
- 2. Provide Product Data:
 - a. Certify that door hardware approved for use on types and sizes of labeled fire-rated doors complies with listed fire-rated door assemblies.
 - b. Include warranties for specified door hardware.

D. Closeout Submittals:

- 1. Operations and Maintenance Data: Provide in accordance with Division 01 and include:
 - a. Complete information on care, maintenance, and adjustment; data on repair and replacement parts, and information on preservation of finishes.
 - b. Catalog pages for each product.
 - c. Final approved hardware schedule edited to reflect conditions as installed.
 - d. Final keying schedule
 - e. Copy of warranties including appropriate reference numbers for manufacturers to identify project.
 - f. As-installed wiring diagrams for each opening connected to power, both low voltage and 110 volts.

E. Inspection and Testing:

1. Submit written reports to the Owner and Authority Having Jurisdiction (AHJ) of the results of functional testing and inspection for:
 - a. Fire door assemblies, in compliance with NFPA 80.
 - b. Required egress door assemblies, in compliance with NFPA 101.

1.04 QUALITY ASSURANCE

A. Qualifications and Responsibilities:

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

B. Certifications:

1. Fire-Rated Door Openings:
 - a. Provide door hardware for fire-rated openings that complies with NFPA 80 and requirements of authorities having jurisdiction.
 - b. Provide only items of door hardware that are listed products tested by UL LLC, Intertek Testing Services, or other testing and inspecting organizations acceptable to authorities having jurisdiction for use on types and sizes of doors indicated, based on testing at positive pressure and according to NFPA 252 or UL 10C and in compliance with requirements of fire-rated door and door frame labels.
2. Smoke and Draft Control Door Assemblies:
 - a. Provide door hardware that meets requirements of assemblies tested according to UL 1784 and installed in compliance with NFPA 105
 - b. Comply with the maximum air leakage of 0.3 cfm/sq. ft. (3 cu. m per minute/sq. m) at tested pressure differential of 0.3-inch wg (75 Pa) of water.
3. Electrified Door Hardware
 - a. Listed and labeled as defined in NFPA 70, Article 100, by testing agency acceptable to authorities having jurisdiction.

4. Accessibility Requirements:
 - a. Comply with governing accessibility regulations cited in "REFERENCES" article 087100, 1.02.D3 herein for door hardware on doors in an accessible route. This project must comply with all Federal Americans with Disability Act regulations and all Local Accessibility Regulations.

C. Pre-Installation Meetings

1. Keying Conference
 - a. Incorporate keying conference decisions into final keying schedule after reviewing door hardware keying system including:
 - 1) Function of building, flow of traffic, purpose of each area, degree of security required, and plans for future expansion.
 - 2) Preliminary key system schematic diagram.
 - 3) Requirements for key control system.
 - 4) Requirements for access control.
 - 5) Address for delivery of keys.
2. Pre-installation Conference
 - a. Review and finalize construction schedule and verify availability of materials, Installer's personnel, equipment, and facilities needed to make progress and avoid delays.
 - b. Inspect and discuss preparatory work performed by other trades.
 - c. Inspect and discuss electrical roughing-in for electrified door hardware.
 - d. Review sequence of operation for each type of electrified door hardware.
 - e. Review required testing, inspecting, and certifying procedures.
 - f. Review questions or concerns related to proper installation and adjustment of door hardware.
3. Electrified Hardware Coordination Conference:
 - a. Prior to ordering electrified hardware, schedule and hold meeting to coordinate door hardware with security, electrical, doors and frames, and other related suppliers.

1.05 DELIVERY, STORAGE, AND HANDLING

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

1.06 COORDINATION

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

1.07 WARRANTY

- A. Manufacturer's standard form in which manufacturer agrees to repair or replace components of door hardware that fail in materials or workmanship within published warranty period.
 - 1. Warranty does not cover damage or faulty operation due to improper installation, improper use or abuse.
 - 2. Warranty Period: Beginning from date of Substantial Completion, for durations indicated in manufacturer's published listings.
 - a. Mechanical Warranty
 - 1) Locks
 - a) Schlage ND Series: 10 years
 - 2) Exit Devices
 - a) Von Duprin: 10 years
 - 3) Closers
 - a) LCN 4000 Series: 30 years
 - 4) Cylinders
 - a) 3 years

1.08 MAINTENANCE

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

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Approval of alternate manufacturers and/or products other than those listed as "Scheduled Manufacturer" or "Acceptable Manufacturers" in the individual article for the product category are only to be considered by official substitution request in accordance with section 01 25 00.

- B. Approval of products from manufacturers indicated in "Acceptable Manufacturers" is contingent upon those products providing all functions and features and meeting all requirements of scheduled manufacturer's product.
- C. Where specified hardware is not adaptable to finished shape or size of members requiring hardware, furnish suitable types having same operation and quality as type specified, subject to Architect's approval.

2.02 MATERIALS

A. Fabrication

- 1. Provide door hardware manufactured to comply with published templates generally prepared for machine, wood, and sheet metal screws. provide screws according to manufacturer's recognized installation standards for application intended.
- 2. Finish exposed screws to match hardware finish, or, if exposed in surfaces of other work, to match finish of this other work including prepared for paint surfaces to receive painted finish.
- 3. Provide concealed fasteners wherever possible for hardware units exposed when door is closed. Coordinate with "Metal Doors and Frames", "Flush Wood Doors", "Stile and Rail Wood Doors" to ensure proper reinforcements. Advise the Architect where visible fasteners, such as thru bolts, are required.

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

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

C. Cable and Connectors:

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

2.03 HINGES

A. Manufacturers and Products:

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

B. Requirements:

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

2.04 CONTINUOUS HINGES

A. Manufacturers:

1. Scheduled Manufacturer:
 - a. Ives
2. Acceptable Manufacturers:
 - a. Select
 - b. Best
 - c. Roton
 - d. ABH
 - e. Hager

B. Requirements:

1. Provide aluminum geared continuous hinges conforming to ANSI/BHMA A156.26, Grade 1.
2. Provide aluminum geared continuous hinges, where specified in the hardware sets, fabricated from 6063-T6 aluminum.
3. Provide split nylon bearings at each hinge knuckle for quiet, smooth, self-lubricating operation.
4. Provide hinges capable of supporting door weights up to 450 pounds, and successfully tested for 1,500,000 cycles.
5. On fire-rated doors, provide aluminum geared continuous hinges classified for use on rated doors by testing agency acceptable to authority having jurisdiction.

6. Provide aluminum geared continuous hinges with electrified option scheduled in the hardware sets. Provide with number and gage of wires enough to accommodate electric function of specified hardware.
7. Provide hinges 1 inch (25 mm) shorter in length than nominal height of door, unless otherwise noted or door details require shorter length and with symmetrical hole pattern.

2.05 CYLINDRICAL LOCKS – GRADE 1

A. Manufacturers and Products:

1. Scheduled Manufacturer and Product:
 - a. Schlage ND series
2. Acceptable Manufacturers and Products:
 - a. Best

B. Requirements:

1. Provide cylindrical locks conforming to ANSI/BHMA A156.2 Series 4000, Grade 1, and UL Listed for 3-hour fire doors.
2. Indicators: Where specified, provide escutcheon with lock status indicator window on top of lockset rose:
 - a. Escutcheon height (including rose) 6.05 inches high by 3.68 inches wide.
 - b. Indicator window measuring a minimum 3.52-inch by .60 inch with 1.92 square-inches of front facing viewing area and 180-degree visibility with a total of .236 square-inches of total viewable area.
 - c. Provide snap-in serviceable window to prevent tampering. Lock must function if indicator is compromised.
 - d. Provide messages color-coded with full text and symbol, as scheduled, for easy visibility.
 - e. Unlocked and Unoccupied message will display on white background, and Locked and Occupied message will display on red background.
3. Cylinders: Refer to "KEYING" article, herein.
4. Provide locks with standard 2-3/4 inches (70 mm) backset, unless noted otherwise, with 1/2-inch latch throw. Provide proper latch throw for UL listing at pairs.
5. Provide locksets with separate anti-rotation thru-bolts, and no exposed screws.
6. Provide independently operating levers with two external return spring cassettes mounted under roses to prevent lever sag.
7. Provide standard ASA strikes unless extended lip strikes are necessary to protect trim.
8. Provide electrified options as scheduled in the hardware sets.
9. Lever Trim: Solid cast levers without plastic inserts and wrought roses on both sides.
 - a. Lever Design: RHODES

2.06 EXIT DEVICES

A. Manufacturers and Products:

1. Scheduled Manufacturer and Product:
 - a. Von Duprin 98/35A series
2. Acceptable Manufacturers and Products:
 - a. Precision APEX 2000 series

B. Requirements:

1. Provide exit devices tested to ANSI/BHMA A156.3 Grade 1 and UL listed for Panic Exit or Fire Exit Hardware.
2. Cylinders: Refer to "KEYING" article, herein.
3. Provide smooth touchpad type exit devices, fabricated of brass, bronze, stainless steel, or aluminum, plated to standard architectural finishes to match balance of door hardware.
4. Touchpad must extend a minimum of one half of door width. No plastic inserts are allowed in touchpads.
5. Provide exit devices with deadlatching feature for security and for future addition of alarm kits and/or other electrified requirements.
6. Provide exit devices with weather resistant components that can withstand harsh conditions of various climates and corrosive cleaners used in outdoor pool environments.
7. Provide flush end caps for exit devices.
8. Provide exit devices with manufacturer's approved strikes.
9. Provide exit devices cut to door width and height. Install exit devices at height recommended by exit device manufacturer, allowable by governing building codes, and approved by Architect.
10. Mount mechanism case flush on face of doors or provide spacers to fill gaps behind devices. Where glass trim or molding projects off face of door, provide glass bead kits.
11. Provide cylinder or hex-key dogging as specified at non fire-rated openings.
12. Removable Mullions: 2 inches (51 mm) x 3 inches (76 mm) steel tube. Where scheduled as keyed removable mullion, provide type that can be removed by use of a keyed cylinder, which is self-locking when re-installed.
13. Provide factory drilled weep holes for exit devices used in full exterior application, highly corrosive areas, and where noted in hardware sets.
14. Provide electrified options as scheduled.
15. Top latch mounting: double- or single-tab mount for steel doors, face mount for aluminum doors eliminating requirement of tabs, and double tab mount for wood doors.
16. Provide exit devices with optional trim designs to match other lever and pull designs used on the project.

2.07 ELECTRIC STRIKES

A. Manufacturers and Products:

1. Scheduled Manufacturer and Product:
 - a. Von Duprin 6000 Series
2. Acceptable Manufacturers and Products:
 - a. Folger Adam 300 Series
 - b. HES 1006 Series

B. Requirements:

1. Provide electric strikes designed for use with type of locks shown at each opening.
2. Provide electric strikes UL Listed as burglary resistant that are tested to a minimum endurance test of 1,000,000 cycles.
3. Where required, provide electric strikes UL Listed for fire doors and frames.
4. Provide transformers and rectifiers for each strike as required. Verify voltage with electrical contractor.

2.08 CYLINDERS

A. Manufacturers and Products:

1. Scheduled Manufacturer and Product:
 - a. Best Patented
 - b. IE-7YPATD626
2. Acceptable Manufacturers and Products:
 - a. No Substitute-Owner standard

B. Requirements:

1. Provide cylinders/cores compliant with ANSI/BHMA A156.5; latest revision; cylinder face finished to match lockset; manufacturer's series as indicated. Refer to "KEYING" article, herein.
2. Provide cylinders in the below-listed configuration(s), distributed throughout the Project as indicated.
 - a. Patented Restricted Small Format: cylinder with small format interchangeable cores (SFIC) with restricted, patented keyway.
3. Patent Protection: Cylinders/cores requiring use of restricted, patented keys, patent protected.
4. Nickel silver bottom pins.

2.09 DOOR CLOSERS

A. Manufacturers and Products:

1. Scheduled Manufacturer and Product:
 - a. LCN 4040XP series
2. Acceptable Manufacturers and Products:
 - a. Sargent 281 series

B. Requirements:

1. Provide door closers conforming to ANSI/BHMA A156.4 Grade 1 requirements by BHMA certified independent testing laboratory. ISO 9000 certify closers. Stamp units with date of manufacture code.
2. Provide door closers with fully hydraulic, full rack and pinion action with high strength cast iron cylinder, and full complement bearings at shaft.
3. Cylinder Body: 1-1/2-inch (38 mm) diameter piston with 5/8-inch (16 mm) diameter double heat-treated pinion journal. QR code with a direct link to maintenance instructions.
4. Hydraulic Fluid: Fireproof, passing requirements of UL10C, and requiring no seasonal closer adjustment for temperatures ranging from 120 degrees F to -30 degrees F.
5. Spring Power: Continuously adjustable over full range of closer sizes, and providing reduced opening force as required by accessibility codes and standards. Provide snap-on cover clip, with plastic covers, that secures cover to spring tube.
6. Hydraulic Regulation: By tamper-proof, non-critical valves, with separate adjustment for latch speed, general speed, and backcheck. Provide graphically labelled instructions on the closer body adjacent to each adjustment valve. Provide positive stop on reg valve that prevents reg screw from being backed out.
7. Provide closers with solid forged steel main arms and factory assembled heavy-duty forged forearms for parallel arm closers.
8. Pressure Relief Valve (PRV) Technology: Not permitted.

9. Finish for Closer Cylinders, Arms, Adapter Plates, and Metal Covers: Powder coating finish which has been certified to exceed 100 hours salt spray testing as described in ANSI Standard A156.4 and ASTM B117, or has special rust inhibitor (SRI).
10. Provide special templates, drop plates, mounting brackets, or adapters for arms as required for details, overhead stops, and other door hardware items interfering with closer mounting.
11. Closers shall be capable of being upgraded by adding modular mechanical or electronic components in the field.

2.10 CONCEALED DOOR CLOSERS

A. Manufacturers and Products:

1. Scheduled Manufacturer and Product:
 - a. LCN 2030 series
2. Acceptable Manufacturers and Products:

B. Requirements:

1. Provide concealed door closers at doors conforming to ANSI/BHMA A156.4 Grade 1 requirements by BHMA certified independent testing laboratory.
2. Provide heavy duty, single-acting closers with single lever arm and roller assembly.
3. Provide closers capable of being mounted in a minimum 1-3/4-inch header.
4. Provide concealed door closers with fully hydraulic, full rack and pinion action with high strength cast iron cylinder, and full complement bearings at shaft.
5. Cylinder Body: 1-1/8-inch (29 mm) piston diameter, with 5/8-inch (16 mm) diameter heat-treated pinion journal.
6. Provide all-weather hydraulic fluid, fireproof, passing requirements of UL10C.
7. Pressure Relief Valve (PRV) Technology: Not permitted.
8. Provide special template, drop plates, mounting brackets, or adapters for arms as required for details, overhead stops, and other door hardware items interfering with closer mounting.

2.11 DOOR TRIM

A. Manufacturers:

1. Scheduled Manufacturer:
 - a. Ives
2. Acceptable Manufacturers:
 - a. Elmes
 - b. Burns
 - c. Trimco
 - d. Rockwood

B. Requirements:

1. Provide push plates, push bars, pull plates, pulls, and hands-free reversible door pulls with diameter and length as scheduled.

2.12 PROTECTION PLATES

A. Manufacturers:

1. Scheduled Manufacturer:
 - a. Ives
2. Acceptable Manufacturers:
 - a. Burns
 - b. Trimco
 - c. Rockwood

B. Requirements:

1. Provide protection plates with a minimum of 0.050 inch (1 mm) thick, beveled four edges as scheduled. Furnish with sheet metal or wood screws, finished to match plates.
2. Size plates 2 inches (51 mm) less width of door on single doors, pairs of doors with a mullion, and doors with edge guards. Size plates 1 inch (25 mm) less width of door on pairs without a mullion or edge guards.
3. At fire rated doors, provide protection plates over 16 inches high with UL label.

2.13 OVERHEAD STOPS AND OVERHEAD STOP/HOLDERS

A. Manufacturers:

1. Scheduled Manufacturers:
 - a. Glynn-Johnson
2. Acceptable Manufacturers:
 - a. Rixson
 - b. Sargent
 - c. ABH

B. Requirements:

1. Provide overhead stop at any door where conditions do not allow for a wall stop or floor stop presents tripping hazard.

2.14 THRESHOLDS, SEALS, DOOR SWEEPS, AUTOMATIC DOOR BOTTOMS, AND GASKETING

A. Manufacturers:

1. Scheduled Manufacturer:
 - a. Zero International
2. Acceptable Manufacturers:
 - a. National Guard
 - b. Reese
 - c. DHSI
 - d. Legacy
 - e. Pemko

B. Requirements:

1. Provide thresholds, weather-stripping, and gasketing systems as specified and per architectural details. Match finish of other items.

2. Smoke- and Draft-Control Door Assemblies: Where smoke- and draft-control door assemblies are required, provide door hardware that meets requirements of assemblies tested according to UL 1784 and installed in compliance with NFPA 105.
3. Provide door sweeps, seals, astragals, and auto door bottoms only of type where resilient or flexible seal strip is easily replaceable and readily available.
4. Size thresholds 1/2 inch (13 mm) high by 5 inches (127 mm) wide by door width unless otherwise specified in the hardware sets or detailed in the drawings.

2.15 SILENCERS

A. Manufacturers:

1. Scheduled Manufacturer:
 - a. Ives
2. Acceptable Manufacturers:
 - a. Burns
 - b. Rockwood
 - c. Trimco

B. Requirements:

1. Provide "push-in" type silencers for hollow metal or wood frames.
2. Provide one silencer per 30 inches (762 mm) of height on each single frame, and two for each pair frame.
3. Omit where gasketing is specified.

2.16 MAGNETIC HOLDERS

A. Manufacturers:

1. Scheduled Manufacturer:
 - a. LCN
2. Acceptable Manufacturers:
 - a. Rixson
 - b. Sargent

B. Requirements:

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

2.17 FINISHES

A. FINISH: BHMA 626/652 (US26D); EXCEPT:

1. Hinges at Exterior Doors: BHMA 630 (US32D)
2. Aluminum Geared Continuous Hinges: BHMA 628 (US28)
3. Push Plates, Pulls, and Push Bars: BHMA 630 (US32D)

4. Protection Plates: BHMA 630 (US32D)
5. Overhead Stops and Holders: BHMA 630 (US32D)
6. Door Closers: Powder Coat to Match
7. Wall Stops: BHMA 630 (US32D)
8. Latch Protectors: BHMA 630 (US32D)
9. Weatherstripping: Clear Anodized Aluminum
10. Thresholds: Mill Finish Aluminum

PART 3 - EXECUTION

3.01 EXAMINATION

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

3.02 INSTALLATION

- A. Mount door hardware units at heights to comply with the following, unless otherwise indicated or required to comply with governing regulations.
 1. Standard Steel Doors and Frames: ANSI/SDI A250.8.
 2. Custom Steel Doors and Frames: HMMA 831.
 3. Interior Architectural Wood Flush Doors: ANSI/WDMA I.S. 1A
 4. Installation Guide for Doors and Hardware: DHI TDH-007-20
- B. Install door hardware in accordance with NFPA 80, NFPA 101 and provide post-install inspection, testing as specified in section 1.03.E unless otherwise required to comply with governing regulations.
- C. Install each hardware item in compliance with manufacturer's instructions and recommendations, using only fasteners provided by manufacturer.
- D. Do not install surface mounted items until finishes have been completed on substrate. Protect all installed hardware during painting.
- E. Set units level, plumb and true to line and location. Adjust and reinforce attachment substrate as necessary for proper installation and operation.
- F. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.
- G. Install operating parts so they move freely and smoothly without binding, sticking, or excessive clearance.

- H. Hinges: Install types and in quantities indicated in door hardware schedule but not fewer than quantity recommended by manufacturer for application indicated.
- I. Wiring: Coordinate with Division 26, ELECTRICAL and Division 28 ELECTRONIC SAFETY AND SECURITY sections for:
 - 1. Conduit, junction boxes and wire pulls.
 - 2. Connections to and from power supplies to electrified hardware.
 - 3. Connections to fire/smoke alarm system and smoke evacuation system.
 - 4. Connection of wire to door position switches and wire runs to central room or area, as directed by Architect.
 - 5. Connections to panel interface modules, controllers, and gateways.
 - 6. Testing and labeling wires with Architect's opening number.
- J. Key Control System: Tag keys and place them on markers and hooks in key control system cabinet, as determined by final keying schedule.
- K. Continuous Hinges: Re-locate the door and frame fire rating labels where they will remain visible so that the hinge does not cover the label once installed.
- L. Door Closers & Auto Operators: Mount closers/operators on room side of corridor doors, inside of exterior doors, and stair side of stairway doors from corridors. Mount closers/operators so they are not visible in corridors, lobbies and other public spaces unless approved by Architect.
- M. Overhead Stops/Holders: Mount overhead stops/holders on room side of corridor doors, inside of exterior doors, and stair side of stairway doors.
- N. Power Supplies: Locate power supplies as indicated or, if not indicated, above accessible ceilings or in equipment room, or alternate location as directed by Architect.
- O. Thresholds: Set thresholds in full bed of sealant complying with requirements specified in Division 07 Section "Joint Sealants."
- P. Stops: Provide floor stops for doors unless wall or other type stops are indicated in door hardware schedule. Do not mount floor stops where they may impede traffic or present tripping hazard.
- Q. Perimeter Gasketing: Apply to head and jamb, forming seal between door and frame.
- R. Meeting Stile Gasketing: Fasten to meeting stiles, forming seal when doors are closed.
- S. Door Bottoms and Sweeps: Apply to bottom of door, forming seal with threshold when door is closed.

3.03 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. Spring Hinges: Adjust to achieve positive latching when door can close freely from an open position of 30 degrees.

2. Electric Strikes: Adjust horizontal and vertical alignment of keeper to properly engage lock bolt.
 3. Door Closers: Adjust sweep period to comply with accessibility requirements and requirements of authorities having jurisdiction.
- B. Occupancy Adjustment: Approximately three to six months after date of Substantial Completion, examine and readjust each item of door hardware, including adjusting operating forces, as necessary to ensure function of doors and door hardware.

3.04 CLEANING AND PROTECTION

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

3.05 DOOR HARDWARE SCHEDULE

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

Abbreviation	Name
BES	Best Locking Systems
GLY	Glynn-Johnson Corp
IVE	H.B. Ives
LCN	LCN Commercial Division
SCH	Schlage Lock Company
TRI	Trimco/Bbw/Quality
VON	Von Duprin
ZER	Zero International Inc

HW SET: 01

For use on Door #(s):

35 36

Each to have:

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	630	IVE
1	EA	VANDL STOREROOM LOCK	ND96BD RHO	626	SCH
1	EA	SFIC CORE	1E-74 PATD 626	606	BES
1	EA	SURFACE CLOSER	4040XP SCUSH MC	689	LCN
1	EA	RAIN DRIP	142AA	AA	ZER
1	EA	GASKETING	8303AA	AA	ZER
1	EA	DOOR SWEEP	39A	A	ZER
1	EA	THRESHOLD	655A-223	A	ZER

HW SET: 02

For use on Door #(s):

3

Each to have:

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
1	EA	STOREROOM LOCK	ND80BD RHO	626	SCH
1	EA	SFIC CORE	1E-74 PATD 626	606	BES
1	EA	ELECTRIC STRIKE	6211 FSE 12/16/24/28 VAC/VDC	⚡ 630	VON
1	EA	WALL STOP	WS406/407CCV	630	GLY
1	EA	SURFACE CLOSER	4040XP RW/PA MC	689	LCN
3	EA	SILENCER	SR64	GRY	IVE
1	EA	CREDENTIAL READER.	BY DIVISION 28	⚡	
1	EA	DOOR CONTACT.	BY DIVISION 28	⚡	
			PREP BY DIV8		
1	EA	LOW VOLTAGE POWER.	BY DIVISION 28	⚡	

OPERATION:

DOOR NORMALLY CLOSED AND LOCKED.

ENTRY BY CARD READER TO TEMPORARILY RELEASE THE ELECTRIC STRIKE, USER OPENS DOOR TO ENTER.

DOOR POSITION IS MONITORED THROUGH ACCESS CONTROL SYSTEM.

EGRESS AT ALL TIMES BY INSIDE LEVER.

HW SET: 03

For use on Door #(s):

7

Each to have:

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
1	EA	STOREROOM LOCK	ND80BD RHO	626	SCH
1	EA	SFIC CORE	1E-74 PATD 626	606	BES
1	EA	WALL STOP	WS406/407CCV	630	GLY
1	EA	SURFACE CLOSER	4040XP HW/PA MC	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 04

For use on Door #(s):

10 12

Each to have:

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
1	EA	STOREROOM LOCK	ND80BD RHO	626	SCH
1	EA	SFIC CORE	1E-74 PATD 626	606	BES
1	EA	WALL STOP	WS406/407CCV	630	GLY
1	EA	SURFACE CLOSER	4040XP RW/PA MC	689	LCN
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 05

For use on Door #(s):

88 89 90 91 92 93
94

Each to have:

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
1	EA	CLASSROOM LOCK	ND70BD RHO	626	SCH
1	EA	SFIC CORE	1E-74 PATD 626	606	BES
1	EA	OH STOP	90S	630	GLY
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 06

For use on Door #(s):

4 5 8 9

Each to have:

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
1	EA	CLASSROOM LOCK	ND70BD RHO	626	SCH
1	EA	SFIC CORE	1E-74 PATD 626	606	BES
1	EA	WALL STOP	WS406/407CCV	630	GLY
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 07

For use on Door #(s):

2 6 33

Each to have:

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
1	EA	PRIVACY LOCK W/ OUTSIDE INDICATOR	ND40S RHO OS-LOC	626	SCH
1	EA	WALL STOP	WS406/407CCV	630	GLY
1	EA	SURFACE CLOSER	4040XP RW/PA MC	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	GASKETING	488SBK PSA ZAG	BK	ZER

HW SET: 105L

For use on Door #(s):

34 41 42 44 45 67
68 70

Each to have:

3	EA	HINGE	5BB1 HT 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	ND80BD HSLR	630	SCH
1	EA	SFIC CORE	1E-74 PATD 626	606	BES
1	EA	WALL STOP	WS406/407CCV	630	GLY
1	EA	CONCEALED CLOSER	2030 BUMP TORX	689	LCN
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 106L

For use on Door #(s):

69	76	78	79	81	82
83	84				

Each to have:

3	EA	HINGE	5BB1 HT 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	ND80BD HSLR	630	SCH
1	EA	SFIC CORE	1E-74 PATD 626	606	BES
1	EA	WALL STOP	WS406/407CCV	630	GLY
1	EA	CONCEALED CLOSER	2030 BUMP TORX	689	LCN
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 107L

For use on Door #(s):

72

Each to have:

3	EA	HINGE	5BB1 HT 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	ND80BD HSLR	630	SCH
1	EA	SFIC CORE	1E-74 PATD 626	606	BES
1	EA	WALL STOP	WS406/407CCV	630	GLY
1	EA	CONCEALED CLOSER	2030 BUMP TORX	689	LCN
3	EA	SILENCER	SR64	GRY	IVE

HW SET: 108L

For use on Door #(s):

34B

Each to have:

3	EA	HINGE	5BB1 HT 4.5 X 4.5	652	IVE
1	EA	PASSAGE SET	ND10S HSLR	630	SCH
1	EA	CONCEALED CLOSER	2030 BUMP TORX	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	MAGNET	SEM7850 12V/24V/120V	689	LCN
1	EA	GASKETING	488SBK PSA ZAG	BK	ZER

HW SET: 109L

For use on Door #(s):

34A 61 75

Each to have:

3	EA	HINGE	5BB1 HT 4.5 X 4.5	652	IVE
1	EA	PRIVACY LOCK	ND40S HSLR	630	SCH
1	EA	CONCEALED CLOSER	2030 BUMP TORX	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	GASKETING	488SBK PSA ZAG	BK	ZER

HW SET: 110L

For use on Door #(s):

39 40

Each to have:

3	EA	HINGE	5BB1 HT 4.5 X 4.5	652	IVE
1	EA	PASSAGE SET	ND10S HSLR	630	SCH
1	EA	CONCEALED CLOSER	2030 BUMP TORX	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

HW SET: A1

For use on Door #(s):

1

Each to have:

1	EA	CONT. HINGE	112XY	628	IVE
1	EA	PANIC HARDWARE	98-NL-OP-110MD	626	VON
1	EA	ELECTRIC STRIKE	6300 FSE 12/24 VAC/VDC	↗ 630	VON
1	EA	90 DEG OFFSET PULL	8190HD 10" STD	630	IVE
1	EA	SURFACE CLOSER	4040XP EDAW/62G MC	689	LCN
1	EA	PA MOUNTING PLATE	4040XP-18PA	689	LCN
1	EA	5TH SCREW SUPPORT	4040XP-30	689	LCN
1	EA	GASKETING	8303AA	AA	ZER
1	EA	DOOR SWEEP	39A	A	ZER
1	EA	THRESHOLD	655A-223	A	ZER

(VERIFY SILL CONDITIONS)

VERIFY EXISTING DOOR CONDITIONS FOR NEW HARDWARE

HW SET: D01 - Not Used

HW SET: DET01

For use on Door #(s):

11	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	37	38	43	46
47	48	49	50	51	52
53	54	55	56	57	58
59	60	62	63B	64	66
71	73				
			85	86	87
95					

Each to have:

New Doors

3	EA	HINGE	HT FBB191 4 ½ X 4 ½ NRP US 26D	ST
1	EA	DETENTION LOCK	AIRTEQ 9500 630 BY OTHERS	AI
1	EA	MORTISE CYLINDER	1E-74 PATD 626	BE
1	EA	DOOR POSITION SWITCH	REV B KIT-S 630 BY OTHERS	AI
1	EA	FLUSH PULL	1111C-BTB TORX 630	TR

Fire Rated Doors ADD

1	EA	GASKETING	ANTI-LIG 5050B HEAD & JAMBS	AI
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HW SET: R1

For use on Door #(s):

63	65
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Each to have:

EA	NOTE	ALL HARDWARE BY ROLL UP DOOR MANUFACTURER
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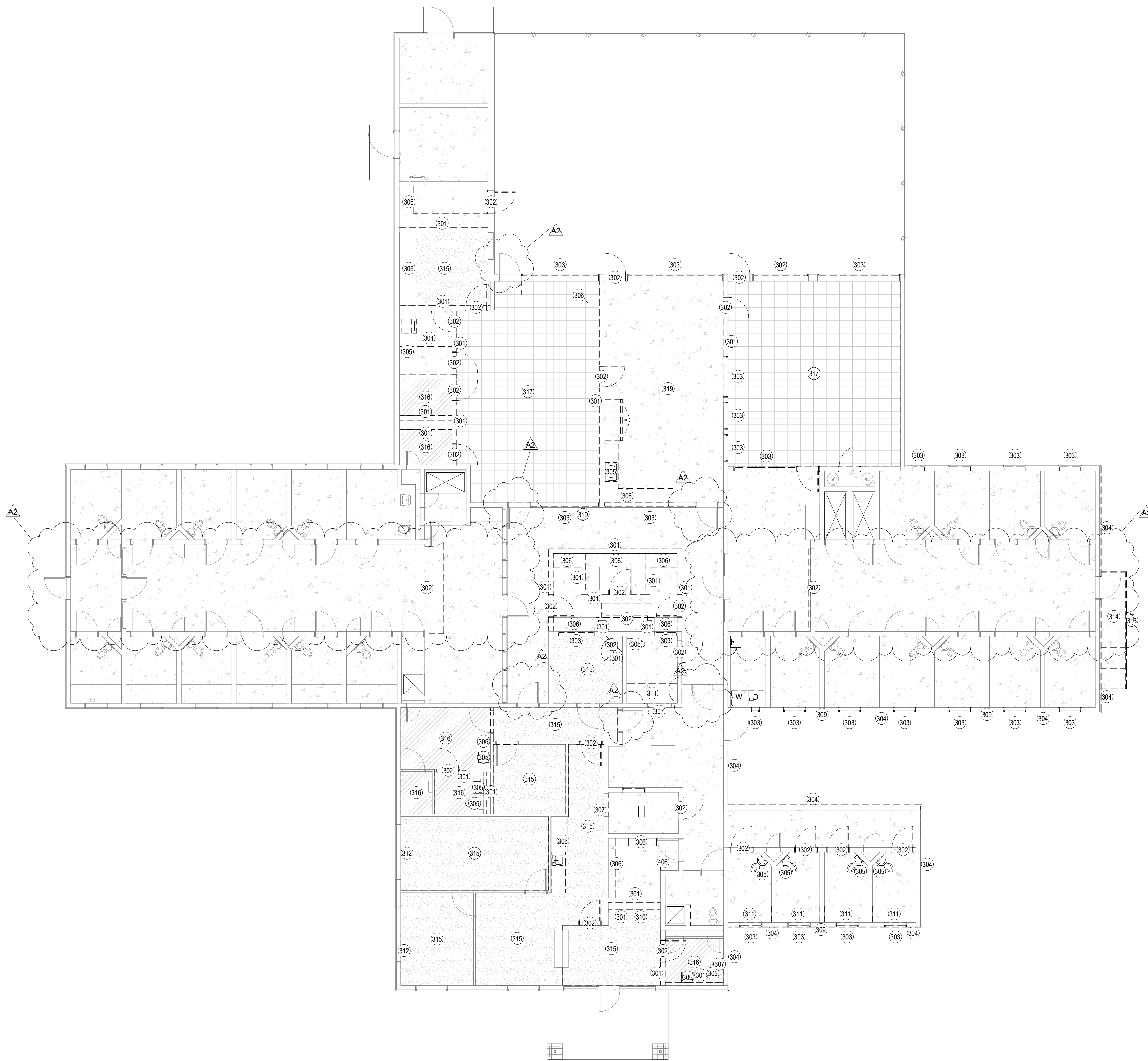
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Wright Ave Jail

Door Numbers	HwSet#
1	A1
2	07
3	02
4	06
5	06
6	07
7	03
8	06
9	06
10	04
11	DET01
12	04
14	DET01
15	DET01
16	DET01
17	DET01
18	DET01
19	DET01
20	DET01
21	DET01
22	DET01
23	DET01
24	DET01
25	DET01
26	DET01
27	DET01
28	DET01
29	DET01
30	DET01
31	DET01
32	DET01
33	07
34	105L
34A	109L
34B	108L
35	01
36	01
37	DET01
38	DET01
39	110L
40	110L
41	105L
42	105L
43	DET01
44	105L
45	105L
46	DET01

Door Numbers	HwSet#
47	DET01
48	DET01
49	DET01
50	DET01
51	DET01
52	DET01
53	DET01
54	DET01
55	DET01
56	DET01
57	DET01
58	DET01
59	DET01
60	DET01
61	109L
62	DET01
63	R1
63B	DET01
64	DET01
65	R1
66	DET01
67	105L
68	105L
69	106L
70	105L
71	DET01
72	107L
73	DET01
74	
75	109L
76	106L
78	106L
79	106L
81	106L
82	106L
83	106L
84	106L
85	DET01
86	DET01
87	DET01
88	05
89	05
90	05
91	05
92	05
93	05
94	05

Door Numbers	HwSet#
95	DET01

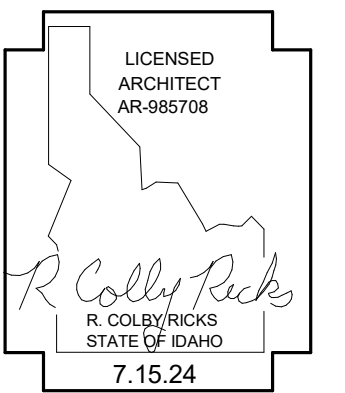


DEMO KEYNOTES	
Key Value	Keynote Text
301	REMOVE WALL IN ITS ENTIRETY AS SHOWN BY DASHED LINES
302	REMOVE DOOR & FRAME SYSTEM IN ITS ENTIRETY
303	REMOVE WINDOW SYSTEM IN ITS ENTIRETY
304	REMOVE STUCCO SYSTEM IN ITS ENTIRETY
305	REMOVE PLUMBING FIXTURE
306	REMOVE CASEWORK IN ITS ENTIRETY
307	REMOVE WALL AS REQUIRED FOR NEW DOOR, RELOCATE ANYTHING ON WALL AS REQUIRED, MODIFY BASE AS REQUIRED
309	REMOVE DOWNSPOUT AS REQUIRED TO DRAIN ONTO NEW ROOF
310	REMOVE LOCKERS
311	REMOVE CONCRETE BENCH IN ITS ENTIRETY
312	REMOVE WOOD PANELING IN ITS ENTIRETY
313	REMOVE RAILING IN ITS ENTIRETY
314	REMOVE STAIR IN ITS ENTIRETY
315	REMOVE CARPET IN ITS ENTIRETY
316	REMOVE SHEET VINYL IN ITS ENTIRETY
317	REMOVE VCT IN ITS ENTIRETY
319	REMOVE EPOXY FLOORING IN ITS ENTIRETY
406	REMOVE HATCH IN ITS ENTIRETY

- GENERAL DEMOLITION NOTES:**
- AT WALL REMOVAL, ALL ELECTRICAL MECH & PLUMBING SHALL BE CONSIDERED INCIDENTAL & SHALL BE REMOVED AS PART OF DEMOLITION. ALSO SEE ELEC., MECH., & PLUMBING PLANS FOR OTHER NOTES OR REQUIREMENTS.
 - CONTRACTOR SHALL NOTIFY THE COUNTY OF DEMOLITION WORK BEFORE PROCEEDING W/ PROJECT DEMOLITION.
 - ALL HOLES, EMPTY ELECTRICAL BOXES, & CUT OFF PIPING THROUGH EXISTING FIRE WALLS & CORRIDOR SHALL BE FILLED & FIRE SEALED. ALSO, SEE MECH. DRAWINGS FOR ADDITIONAL REQ'MENTS.
 - ALL WALLS OF PROJECT SHALL HAVE ALL SCREWS, FASTENERS, & MISC. REMOVED AND HOLES PATCHED & REPAIRED AS REQUIRED FOR NEW FINISHES.
 - ALL NEW & EXIST'G METAL DOORS & WINDOW FRAMES SHALL BE PAINTED. SEE PAINT & COATING SPECIFICATIONS.
 - ALL POINTS OF WORK OF REMODEL SHALL BE BLENDED TO MATCH EXIST'G SURFACES & FINISH. DUE TO DEMOLITION WORK AFFECTING NEARBY BUILDING TENANTS SPACES, THE CONTRACTOR WILL BE RESPONSIBLE TO SCHEDULE WEEKLY MEETINGS WITH HIS SUBCONTRACTORS & PROJECT COORDINATOR BOB BEER T.F. COUNTY TO COORDINATE WORK TO BE SCHEDULE THAT WEEK.
 - CONTRACTOR WILL BE RESPONSIBLE FOR ANY REQUIRED REMOVAL OF CEILING, GRID, ETC. NECESSARY TO ACCESS WORK AREAS AND REINSTALL SUCH REMOVAL. CONTRACTOR SHALL REPLACE ANY DAMAGED OR SOILED MATERIALS AT CONTRACTORS OWN EXPENSE.
 - ALL POINTS OF WORK OF REMODEL SHALL BE BLENDED TO MATCH EXIST'G SURFACES & FINISH. REFER TO ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL DEMO INFORMATION.

- CONSTRUCTION WASTE:**
- BEFORE ANY CONSTRUCTION WASTE IS REMOVED FROM THE PROJECT ALL ROUTES BEGINNING FROM THE STAGING AREA TO THE TENANT IMPROVEMENT AREA SHALL BE PROTECTED IN PLACE.
 - ALL DEBRIS MATERIAL SHALL BE DISPOSED OF IN A LAWFUL MANNER.

1 PH 1 PART A DEMO FLOOR PLAN
1/8" = 1'-0"



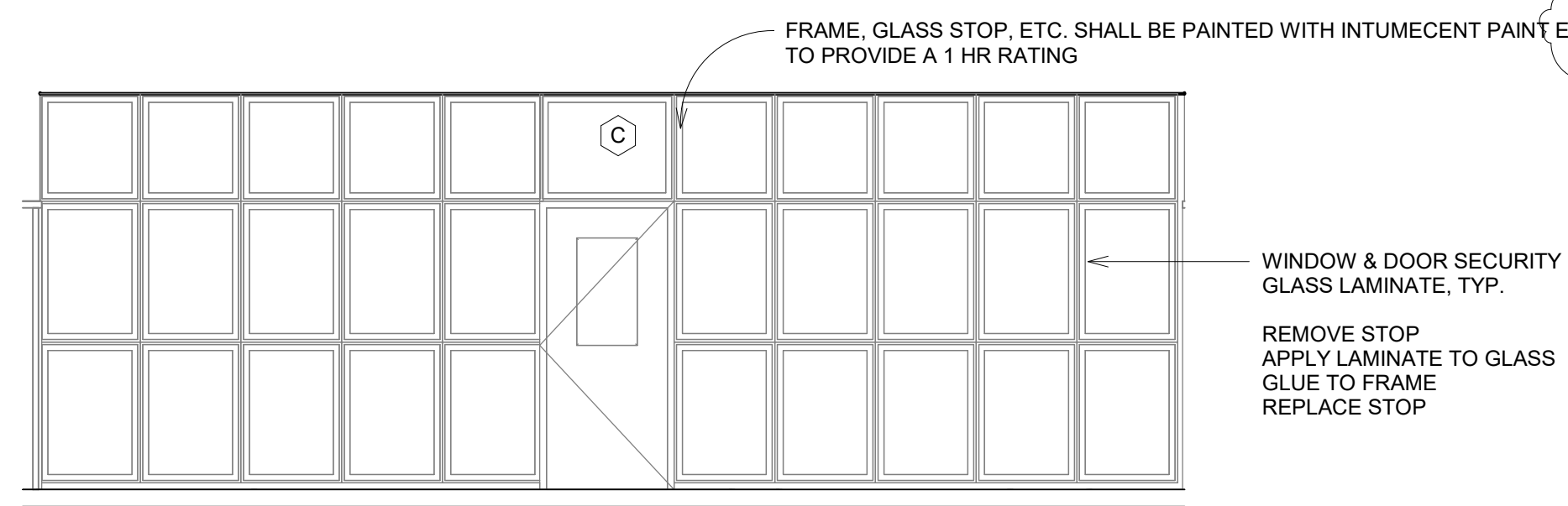
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	8/12/24	ADDENDUM 2

PHASE 1 PART A FOR:
TWIN FALLS COUNTY - WRIGHT AVE JAIL
2815 Wright Ave, Twin Falls, ID 83301
PH 1 PART A DEMO FLOOR PLAN

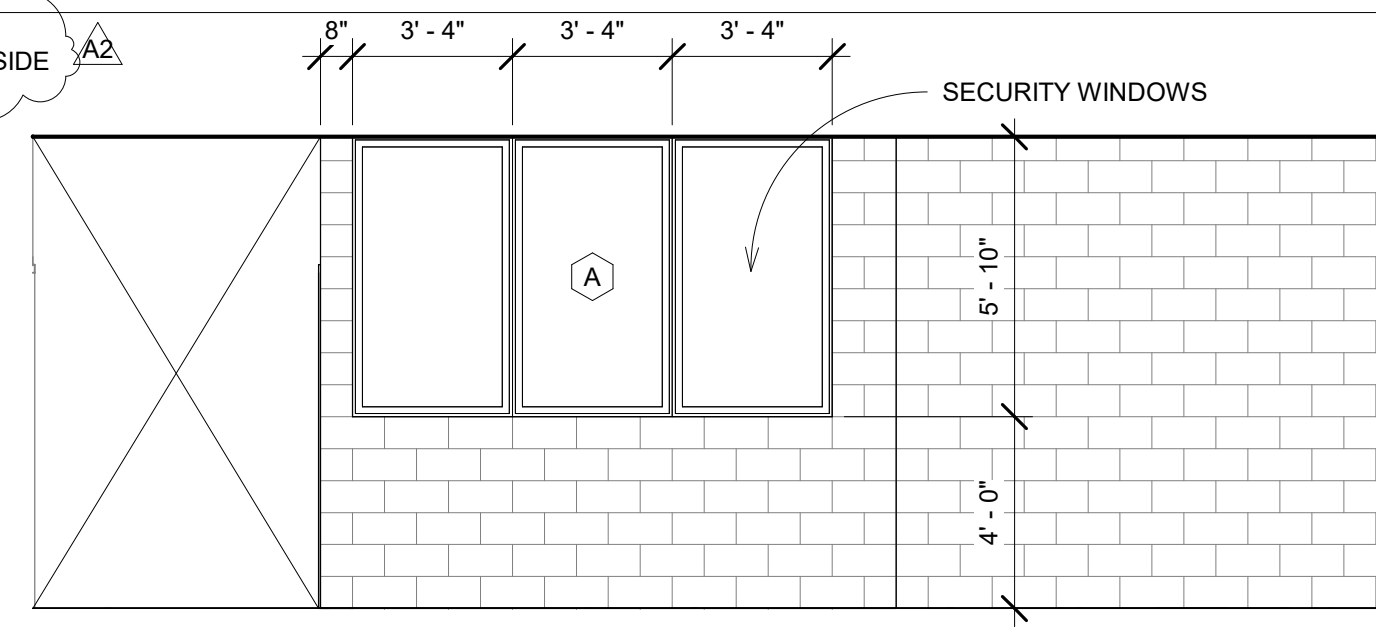
Laughlin Ricks Architecture
architecture/planning
134 3rd Ave East, Twin Falls, Idaho 83301
(208) 736-8050

DATE:	7.15.24
KM Draw	RCR Checked
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PROJECT #	

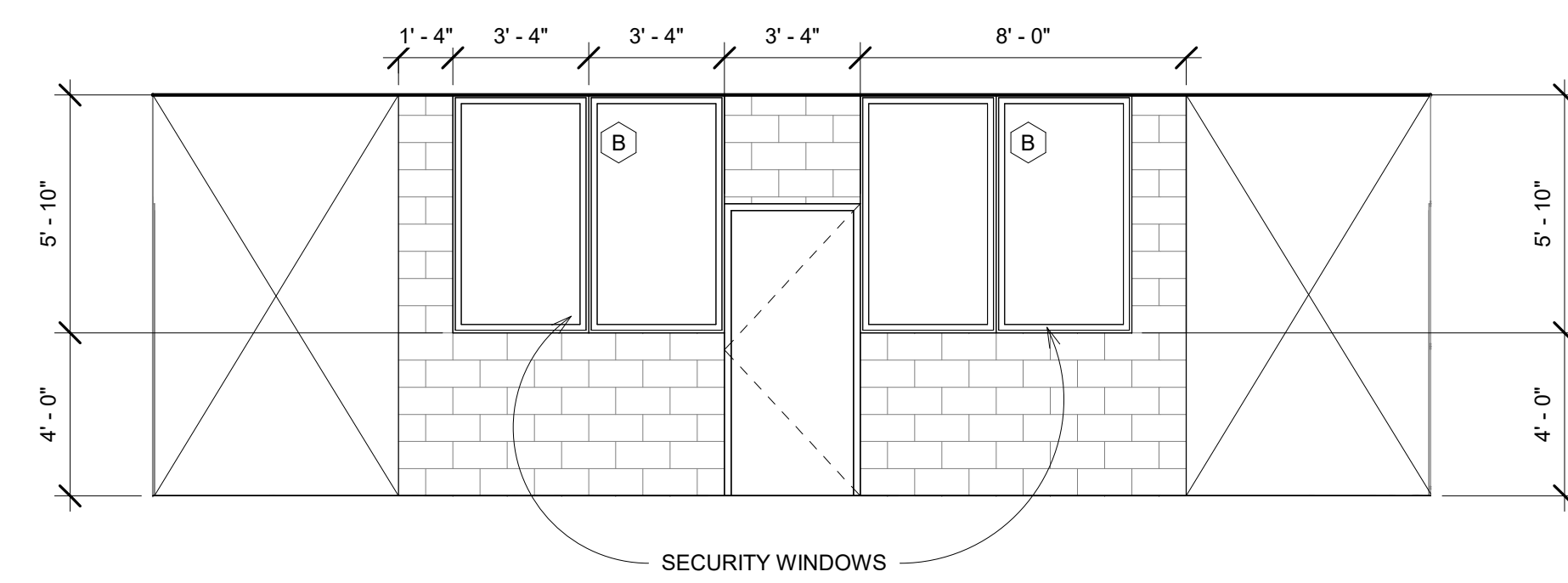
A1A-1.2



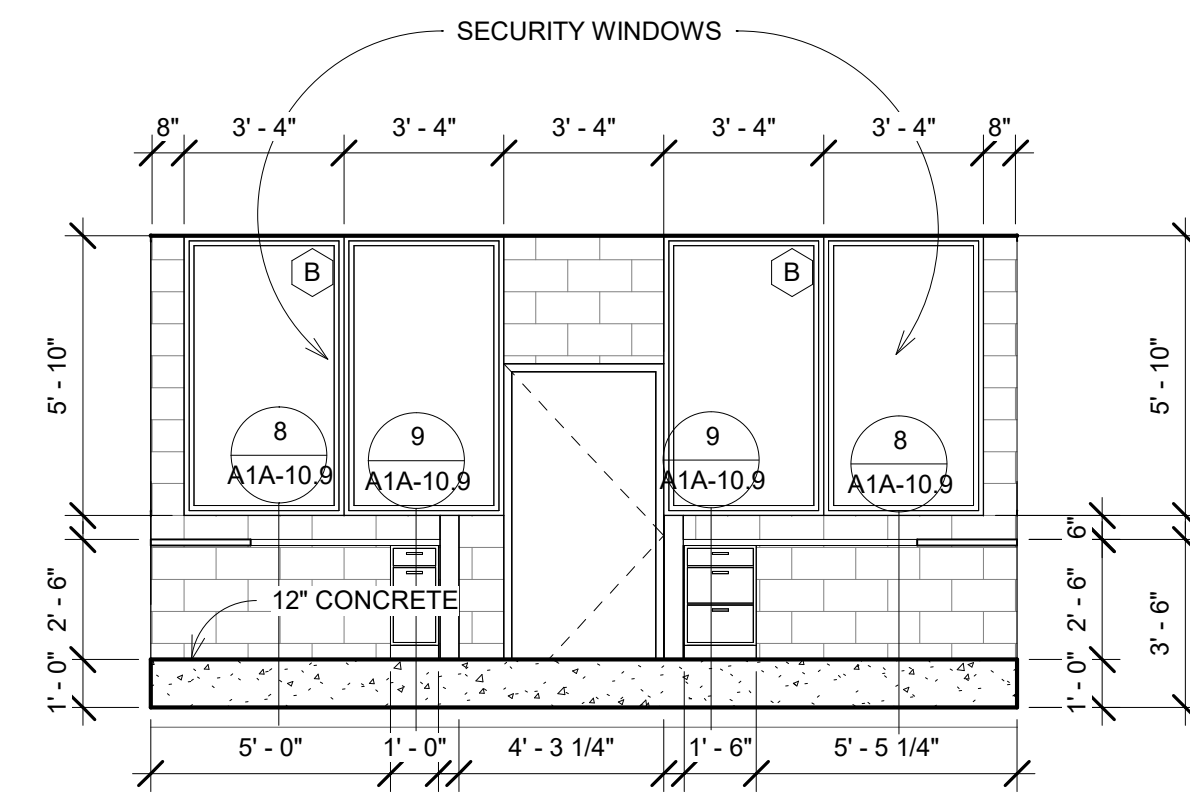
1 CORR. 3 W
1/4" = 1'-0"



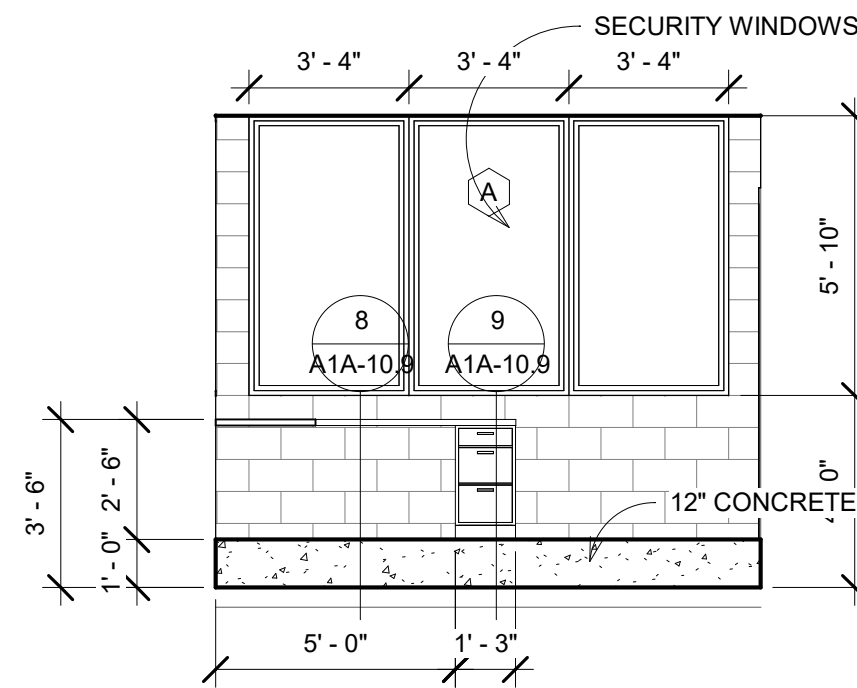
2 CORR. 3 E
1/4" = 1'-0"



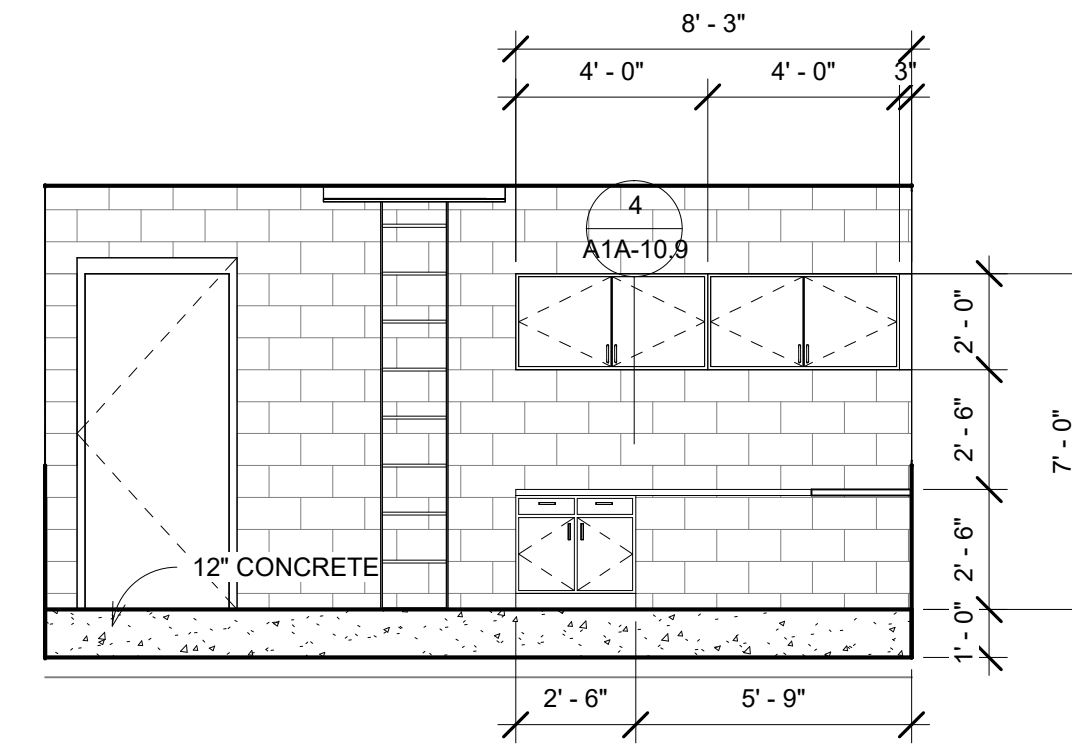
3 CORR. 4 S.
1/4" = 1'-0"



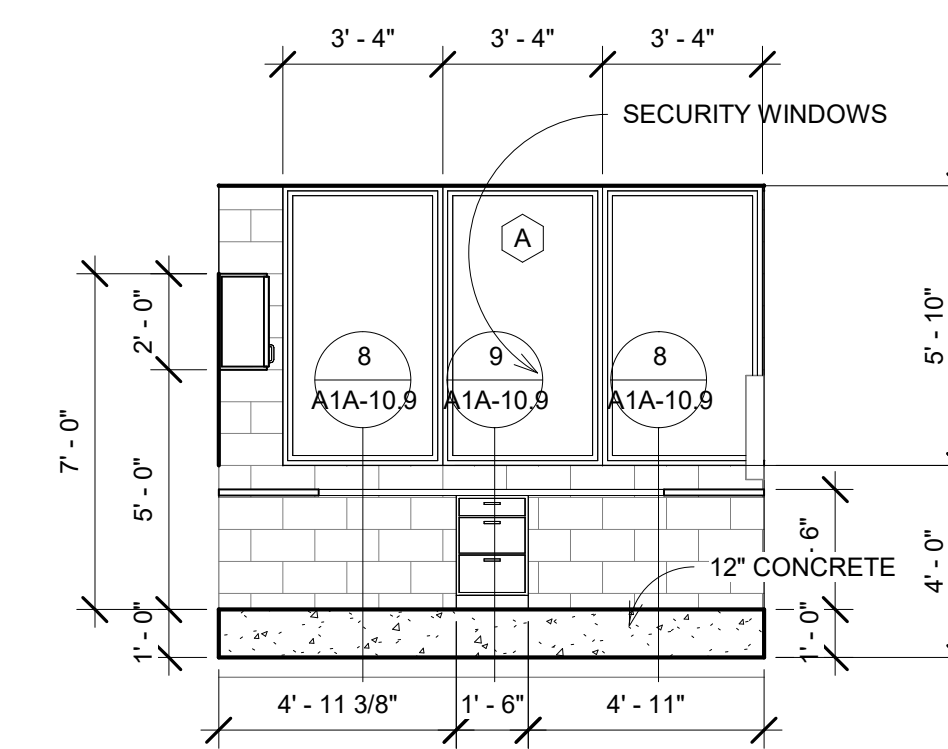
4 CONTROL N
1/4" = 1'-0"



5 CONTROL E
1/4" = 1'-0"

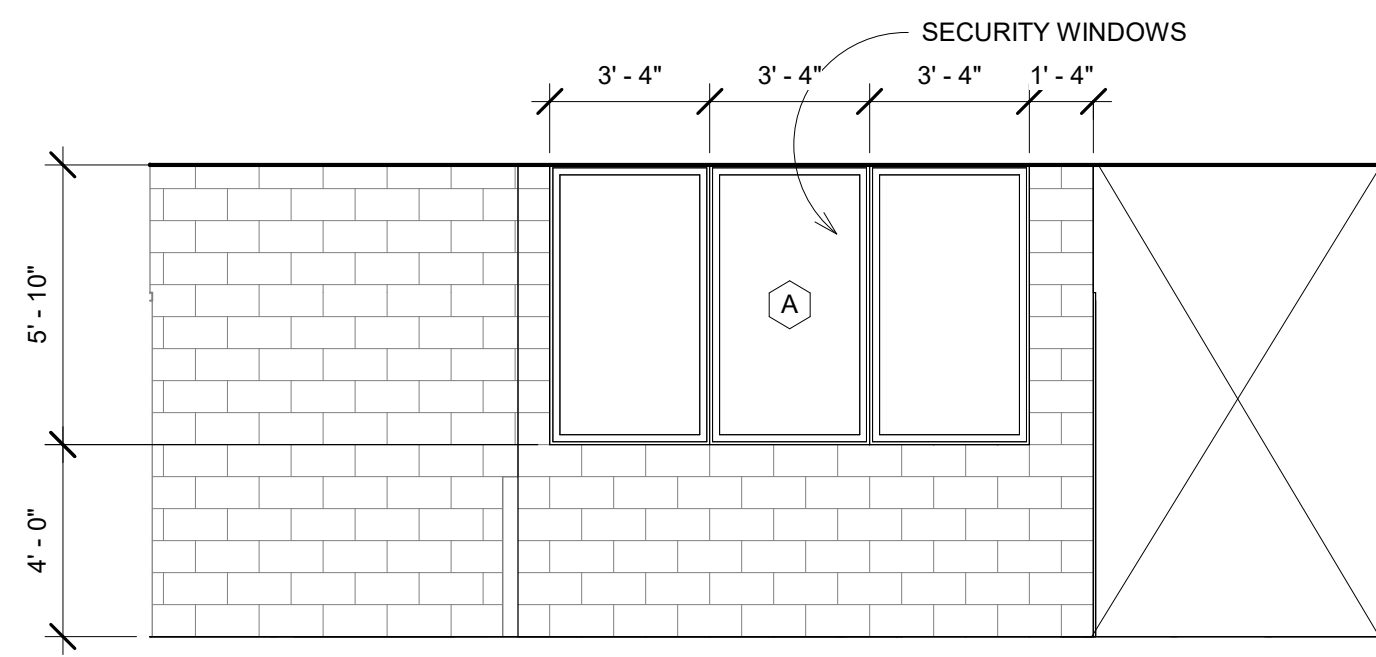


6 CONTROL S.
1/4" = 1'-0"

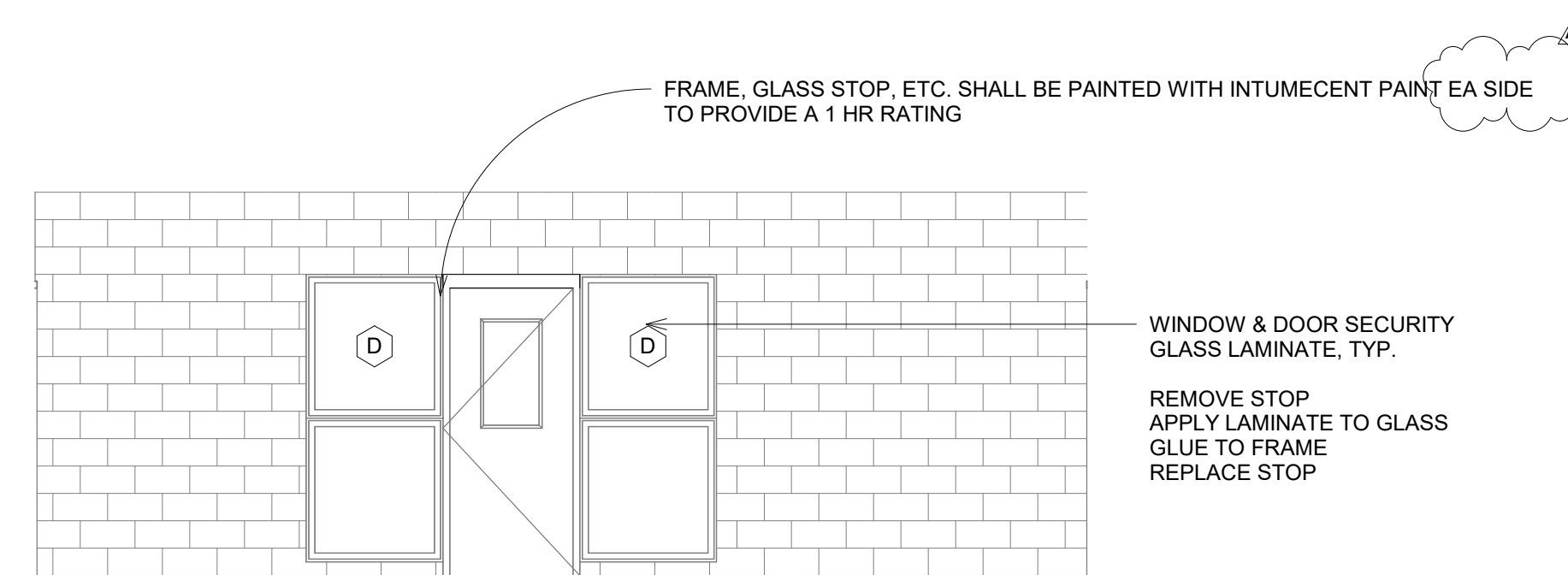


7 CONTROL W
1/4" = 1'-0"

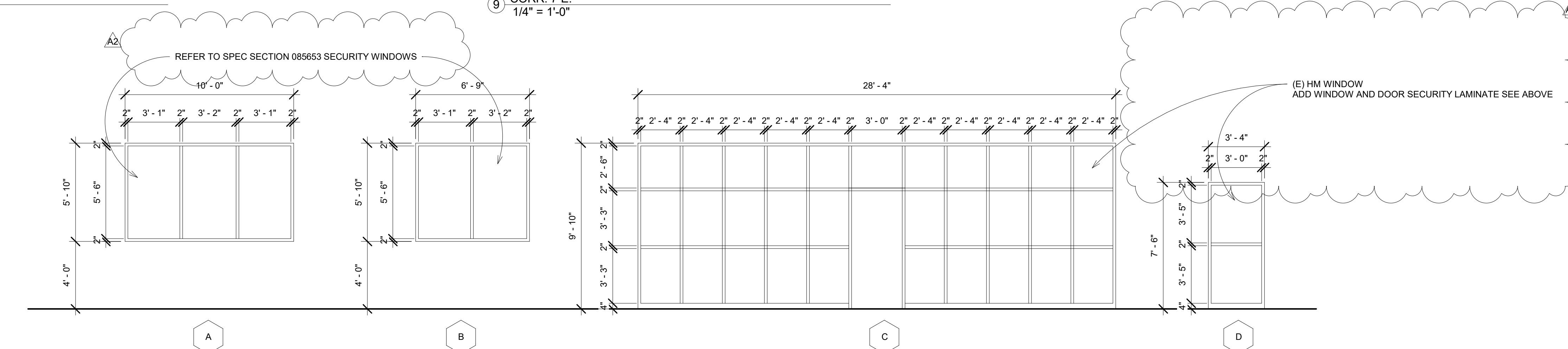
NOTE: RAISED 12" CONCRETE FLOOR CONTINUES INTO ROOM: RR 34



8 CORR. 7 W
1/4" = 1'-0"



9 CORR. 7 E.
1/4" = 1'-0"



WINDOW TYPES
1/4" = 1'-0"

LICENSED ARCHITECT
R. COLBY RICKS
STATE OF IDAHO
7.15.24

DATE: 8/8/24
PROJECT: #23029

ADDENDUM 1
8/12/24

ADDENDUM 2
8/12/24

PHASE 1 PART A FOR:
TWIN FALLS COUNTY - WRIGHT AVE JAIL
2815 Wright Ave, Twin Falls, ID 83301
INTERIOR ELEVATIONS

Laughlin Ricks Architecture
architecture/planning
134 3RD Ave East, * Twin Falls, Idaho 83301
(208) 736-8050

DATE: 7.15.24
KM Drawn
RCR Checked
PROJECT #

A1A-8.0

