

**ADDENDUM  
(AD)**

PROJECT: Nebraska Depart of Correctional Svcs  
Omaha Correctional Center  
Detention Door Upgrades – Bldgs A & B  
Omaha, Nebraska

AD NO.: 1

DATE: February 26, 2024

DAVIS DESIGN  
PROJECT NO.: 23-0102

ISSUED BY: Jon Dalton, Coordinating Professional  
Greg Smith, Architect

*This addendum is issued by the Architect to all known bidders before receipt of proposals, for the purpose of explaining, interpreting, or modifying the original plans and specifications. When enumerated by the bidder upon the proposal sheet, the information or instructions given hereon will be equally binding upon all parties as if included in the original plans and specifications.*

**BIDDER MUST ENTER THE NUMBER OF THIS ADDENDUM ON HIS PROPOSAL SHEET**

**THE FOLLOWING ITEMS ARE GENERAL INFORMATION:**

**AD-1, ITEM #1:**

In reference to the **Pre-bid Meeting**, see attached sign-in form indicating those in attendance.

**AD-1, ITEM #2:**

In reference to the **Pre-bid Meeting**, the agenda was reviewed. Minute were recorded (attached) with items in RED discussed.

**THE FOLLOWING ITEMS ARE APPLICABLE TO THE SPECIFICATIONS:**

**AD-1, ITEM #3:**

In reference to **Section 087163 – Detention Door Hardware**, see attached revised section.

**THE FOLLOWING ITEMS ARE APPLICABLE TO THE DRAWINGS:**

**AD-1, ITEM #4:**

In reference to **Sheet G-001 – COVER SHEET**, see attached sheet for revisions.

**AD-1, ITEM #5:**

In reference to **Sheet A-101 – Buildings A & B Plans, Elevations, and Details**, see attached sheet for revisions.

**END AD-1**

## SIGN-IN FORM

PROJECT: Nebraska Dept of Corrections  
Omaha Correctional Center  
Sliding Detention Door Upgrade  
Omaha, NE

MEETING DATE: February 22, 2024

MEETING TIME: 10:00 AM

MEETING LOCATION: OCC Admin Conference Room

MEETING NAME: Pre-Bid Meeting

DAVIS DESIGN  
PROJECT NO.: 23-0102

Present at Meeting	Via Phone	Individual Name	Company Name	Telephone	Email Address
<input type="checkbox"/>	<input type="checkbox"/>	Dalton, Jon	Davis Design	402-476-9700	<a href="mailto:jon.dalton@davisdesign.com">jon.dalton@davisdesign.com</a>
<input type="checkbox"/>	<input type="checkbox"/>	Ellison, Chad	NDCS	402-479-5777	<a href="mailto:Chad.Ellison@nebraska.gov">Chad.Ellison@nebraska.gov</a>
<input type="checkbox"/>	<input type="checkbox"/>	Jansen, James	NDCS OCC Warden	402-595-3963	<a href="mailto:james.jansen@nebraska.gov">james.jansen@nebraska.gov</a>
<input type="checkbox"/>	<input type="checkbox"/>	Larson, Connor	OCC – Major	402-281-8043	<a href="mailto:connor.larson@nebraska.gov">connor.larson@nebraska.gov</a>
<input type="checkbox"/>	<input type="checkbox"/>	Nelson, Shawn	OCC – Maintenance	402-522-7194	<a href="mailto:shawn.nelson@nebraska.gov">shawn.nelson@nebraska.gov</a>
<input type="checkbox"/>	<input type="checkbox"/>	Nieto, Michael	OCC – Maintenance	402-522-7194	<a href="mailto:michael.nieto@nebraska.gov">michael.nieto@nebraska.gov</a>
<input type="checkbox"/>	<input type="checkbox"/>	Perlman, Seth	OCC – AW	402-522-7014	<a href="mailto:seth.perlman@nebraska.gov">seth.perlman@nebraska.gov</a>
<input type="checkbox"/>	<input type="checkbox"/>	Kinney, Brian	CML Security	402-650-3225	<a href="mailto:bkinnery@cmlsecurity.us">bkinnery@cmlsecurity.us</a>
<input type="checkbox"/>	<input type="checkbox"/>				
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## MEETING AGENDA

PROJECT:	<u>Nebraska Dept of Corrections</u>	MEETING DATE:	<u>February 22, 2024</u>
	<u>Omaha Correctional Center</u>	MEETING TIME:	<u>10:00 AM</u>
	<u>Sliding Detention Door Upgrade</u>	MEETING LOCATION:	<u>OCC Admin Conference Room</u>
	<u>Omaha, NE</u>	MEETING NAME:	<u>Pre-Bid Meeting</u>
		DAVIS DESIGN PROJECT NO.:	<u>23-0102</u>

### I. Introductions

- A. Department of Corrections – Chad Ellison
- B. Davis Design – Jon Dalton

### II. Bid Requirements:

- A. Bid Date: March 7, 2024. 2:00 PM @ Bldg. 1, Folsom and West Prospector Place, Lincoln, NE 68522

Optional: P.O. Box 94661 – Lincoln, NE 68509-4661

Hand Delivery is the ONLY way to guarantee it will be delivered correctly and on time!

- B. Bid Form (Proposal)
- C. Bid Security
- D. Addendums

### III. Security and Access Requirements

#### A. Screening and Controls

1. Worker Background Checks Mandatory. **All on site personnel.**
2. Site Access: **Day to day access will be through administration building. Major deliveries will be through the vehicle sally port.**
3. Maintain Tools Inventory Daily: **Material storage container and job box is to be located on the concrete pad to the northeast of building B. The location shown on Sheet G-001 will be revised and shared with the addendum.**
4. Project should not require any large equipment for installation: **carts to move doors and parts will be necessary. Should fit in the storage container if left on site over-night.**
5. No tobacco products on grounds or **Contraband Materials**
6. No firearms or weapons in vehicles.
7. No cell phones. Main on-site superintendent must submit a request (Director's approval is required)

### IV. Site Conditions

#### A. Controlled Project Area

1. Worker Parking – To be announced.

Nebraska Dept of Corrections  
Omaha Correctional Center  
Security Sliding Door Upgrade - Pre-Bid Meeting  
Omaha, Nebraska  
February 22, 2024  
PAGE 2 of 2

2. Material and tool storage: Material storage container and job box is to be located on the concrete pad to the northeast of building B. The location shown on Sheet G-001 will be revised and shared with the addendum.
3. Material Delivery: need to process through administration personnel sally port.
4. Material Disposal: Coordinate with staff: Contractor to provide dumpster and remove daily or store removed material in a lockable container until it can be removed from the site.
5. All workers will be required to be escorted while within the secured facility. Anyone that leaves the secured area will have to be re-screened before re-entry.
6. Normal working hours are 7:00 am to 3:30 pm. If the contractor wishes to work longer hours, arrangements with the staff will need to be made.
7. Contractor shall be mindful of state and national holidays as staff will be limited and escorts will not likely be available.

V. Project Scope

A. Removal and replacement of sliding doors Buildings A and B.

1. Door control system was recently updated. All elements are in working order and should be able to be reconnected.
2. Manual release features are different in Building A from Building B.
  - a. Building A requires modification to side-light frame and glazing to accommodate pilaster element that contains keyed manual release. Main entrance to have dual sided manual release. The door to the yard has only single sided manual release. Glazing on doors were discussed and will be modified on the architectural sheet included in an addendum.
  - b. Building B will have all manual releases incorporated into the header of the door. Pass-thru hatches all need to be on the proper side of the door panel. Modified drawings will include clarification.

B. Schedule

1. Contractor shall have all materials/new equipment in their position, prior to starting.
2. Contractor will be expected to coordinate detailed schedules with the staff at each building. It is recommended that all work be completed at one building before any work can begin on the next building.
3. Door control system will need to be re-verified at the completion of work in each building.

VI. Questions

DISTRIBUTION: Owner Representative, Chad Ellison, Engineering  
Principal in Charge/ Electrical Engineer: Jon Dalton – Davis Design, Inc.  
OCC Warden: James Jansen  
Attendees

**NEBRASKA DEPARTMENT OF CORRECTIONAL SERVICES  
OMAHA CORRECTIONAL CENTER  
DETENTION DOOR UPGRADES - BUILDINGS A and B  
OMAHA, NEBRASKA**

**SECTION 087163 – DETENTION DOOR HARDWARE**

**PART 1 - GENERAL**

**1.1 RELATED DOCUMENTS**

- A. Drawings and provisions of contract, including General and Supplementary Conditions and Division 1 specification Sections apply to Work in this Section.
- B. Section 013513.16, “Special Project Procedures for Detention Facilities”.

**1.2 SUMMARY**

- A. This Section includes the following:
  - 1. Electrical and Mechanical Detention Hardware for Sliding doors
  - 2. Sliding Devices
  - 3. Miscellaneous Hardware for Detention Doors
  - 4. Detention Hardware Schedule for Detention Doors
- B. Related Sections include the following:
  - 1. Division 01 Section 013513.16 “Special Project Procedures for Detention Facilities”.
  - 2. Division 07 Section 079200.53 “Security Joint Sealants”.
  - 3. Division 08 Section 083463 “Detention Doors and Frames”.
  - 4. Division 08 Section 088853 “Security Glazing”.
  - 5. Division 26 for Electrical requirements.
  - 6. Divisions 27 and 28 for Security Electronic requirements.

**1.3 SCOPE AND RESPONSIBILITIES**

- A. Coordinate this Scope of Work with the Scope of Work shown in the Security Electronics and Electrical drawings.
- B. Under the requirements of this specification, the DEC shall be responsible for furnishing and installing all hardware as specified, in all locations.

**1.4 REFERENCES**

- A. ASTM F1643 Test Methods for Detention Sliding Door Locking Device Assembly
- B. UL 1034 Standard Burglary Resistant Electric Locking Mechanisms

**NEBRASKA DEPARTMENT OF CORRECTIONAL SERVICES  
OMAHA CORRECTIONAL CENTER  
DETENTION DOOR UPGRADES - BUILDINGS A and B  
OMAHA, NEBRASA**

**1.5 SUBMITTALS**

- A. General: Submit the following according to Conditions of the Contract and Division 1 Specification Sections. All submittals shall be submitted through Web-Based Project Software (Submittal Exchange), refer to Section 013100 Project Management and Coordination.
- B. Product Data: Manufacturer's printed product data and catalog cuts indicating product characteristics, performance and limiting criteria.
- C. Shop Drawings: For each type of hardware item: Include plans, wiring diagrams, method of construction, installation and attachment details and other information necessary to show compliance with requirements.
- D. It is the DEC's responsibility to coordinate detention/security items in this scope of work, and to answer all manufacturer questions or concerns that are not strictly design related. The DEC shall redline the manufacturers' individual shop drawings and/or schedules and note corrections prior to submittal for Architectural/Consultant review. When multiple items are submitted by the manufacturer on a single cutsheet, the DEC shall note with an arrow, circle, or note cloud, to show which product on the sheet is submitted for this scope of work. DEC submittals not reviewed and redlined by the DEC prior to submittal to Architect/Consultant for final review, will be returned rejected.
- E. Samples: Provide samples of each item of security hardware item as requested by the Architect-Engineer. Samples shall be shipped as directed to the location as directed and shall be shipped within 10 days of receipt of notification of the requirement to provide samples. In addition, if required, provide hardware for all mockups. All mockups shall be fully functional, wired to temporary switches prior to Architect-Consultant's inspection.
- F. Hardware schedule coordinated with doors, frames, and related work to ensure proper size, thickness, hand, and function of door hardware.
  - 1. Hardware Schedule Content: Based on hardware indicated, organize schedule into "hardware sets" indicating complete designations of every item required for each door or opening. Include the following information:
    - a. Type, style, exact function, size, and finish of each hardware item.
    - b. Name and manufacturer of each item.
    - c. Fastenings and other pertinent information.
    - d. Location of each hardware set cross-referenced to indications on Drawings both on floor plans and in door and frame schedule.
      - 1) Door numbers and frame types in schedule to match door numbers and frame types shown on Drawings.
      - 2) Hardware sets shall match specified hardware sets found at the end of this specification section. Hardware set extensions (i.e.: "SH1A.a") in lower case letters, separated by a decimal, used to signify hardware sets with additional hardware requirements, or handing are acceptable.
    - e. Explanation of all abbreviations, symbols, and codes contained in schedule.
    - f. Mounting locations for hardware.

**NEBRASKA DEPARTMENT OF CORRECTIONAL SERVICES  
OMAHA CORRECTIONAL CENTER  
DETENTION DOOR UPGRADES - BUILDINGS A and B  
OMAHA, NEBRASKA**

- g. Door and frame sizes and materials.
  - 2. Submittal Sequence: Submit schedule at earliest possible date, particularly where acceptance of Hardware Schedule must precede fabrication of other work that is critical in the Project construction schedule. Include with schedule the product data, shop drawings of other work affected by door hardware, such as 083463 Detention Hollow Metal and 088853 Security Glass submittals, and other information essential to the coordinated review of schedule.
  - G. Keying Schedule: The Owner shall provide keying requirements to the DEC prior to the ordering of Detention locks. The DEC shall use this information to provide keying per the Owner's request. Refer to 087163.2.5 "Keying and Keys" for DEC keying responsibilities.
  - H. Submittal of written confirmation from the hardware manufacturer showing individual field technicians as approved installers shall be required.
  - I. Operating/Maintenance Manuals: Furnish O&M Manuals, as outlined in Division 1, for all detention hardware and all detention locking devices, and all miscellaneous hardware scheduled. Provide detailed parts lists and cutsheets for all items with mechanical moving parts or electrical components on the approved detention hardware schedule. These manuals shall include instructions for the care of the materials, parts list to aid the Owner in ordering replacement parts, as well as instructions for contacting the appropriate personnel not only during the warranty period, but beyond. Manuals shall also include the final approved key schedule and "as built" shop drawings of all components. The Detention Equipment Contractor must have full time employees trained in the maintenance and repair of this equipment
- 1.6 DELIVERY, STORAGE AND HANDLING
- A. Packing and Marking: Each piece of security hardware furnished under this Section shall be packaged and marked according to the hardware set and door number listed in the approved hardware schedule.
  - B. Deliver all components cartoned or crated to provide protection during transit and job storage.
  - C. Inspect all components upon delivery for damage. Damages may be repaired, provided the repaired items are equal in all respects to new work and acceptable to the Architect-Engineer; otherwise, remove and replace damaged items as directed.
  - D. Store all components in a locked storage area for all components deemed necessary by the Detention Equipment Contractor. Do not store any materials directly on the ground or concrete. Provide adequate ventilation and protection to insure materials are kept dry, clean and secure. Store all materials in the manner and order as prescribed by the Detention Equipment Contractor and/or manufacturer.
- 1.7 COORDINATION
- A. Examine the drawings and specifications of other trades whose work may influence the installation and/or operation of the detention hardware. Prior to the start of work, review the

**NEBRASKA DEPARTMENT OF CORRECTIONAL SERVICES  
OMAHA CORRECTIONAL CENTER  
DETENTION DOOR UPGRADES - BUILDINGS A and B  
OMAHA, NEBRASKA**

project drawings and specifications and coordinate work with all other trades and Divisions of the Specifications affecting Work of this Section.

1. Responsibilities for electrical and mechanical hardware installation shall include the following:
  - a. Furnish and install door locks, door position switches, limit switches, lock feature switches and push buttons, as required for the system to perform the functions as defined in the "Door Control" section of the Division 28 specifications.
  - b. Coordinate the integration and interfacing of the products and equipment specified in this section with Division 28 (SSI) specified, and in accordance with shop drawings and submittals approved by the Architect / Consultant.
  - c. Review all control submittals submitted by Division 28 (SSI) and confirm that all scheduled controls and monitoring will function in accordance with the specified function. **A written confirmation of this review shall be submitted to the Architect / Consultant.**
  - d. Coordinate the power requirements with all equipment furnished in this section.
  - e. Review Architectural drawings and specifications of other trades for sections that refer to 087163, or refer to Detention Door Hardware, for detention locks or equipment, and provide hardware as specified or required. Coordinate shipment of these locks and equipment with the General Contractor.
2. It is the DEC's sole responsibility to coordinate the frame placement/installation in each wall. Coordinate frame installation with approved hardware, to ensure the finished and installed hardware will not interfere frame placement, or frame mounted devices or floor or wall mounted devices. The DEC shall report adverse installation conditions to the Architect immediately, provide a list of frame numbers affected, and provide a suggestion or solution to correct the issue noted.

**1.8 MAINTENANCE**

- A. Contractor shall furnish spare parts required in each section, packaged to protect parts from damage and to allow for easy storage.
- B. Supplier of equipment shall stock replacement parts for each system and be able to replace any part of the system within 24 hours.
- C. Provide spare door hardware parts as follows:
  1. Furnish the following material:
    - a. Two (2) each of all locks, each hand specified, (less cylinder).
    - b. All parts shall be packaged and labeled to provide for long-term storage.

**PART 2 - PRODUCTS**

**2.1 GENERAL**



**NEBRASKA DEPARTMENT OF CORRECTIONAL SERVICES  
OMAHA CORRECTIONAL CENTER  
DETENTION DOOR UPGRADES - BUILDINGS A and B  
OMAHA, NEBRASKA**

- A. Security design criteria are based upon the requirements and features of the products listed herein. The use of one manufacturer's numeric designation does not imply other manufacturer's products will not be accepted.

**2.2 MISCELLANEOUS HARDWARE FOR SECURITY DOORS**

**A. Acceptable Manufacturers**

- 1. Except as otherwise specified herein, the equipment and materials of this section shall be products manufactured by one of the listed manufacturers and must be equal to the part specified in the product description.

**B. Products/Manufacturers**

- 1. Hinges: Southern Steel
- 2. Pulls: Southern Steel
- 3. Doorstops: Ives
- 4. Smoke Seal: Reese, National Guard, Pemko, Zero
- 5. Silencers: Ives

**C. Product Description**

- 1. Full surface hinges, equal to Southern 203FP where indicated on architectural details and schedules for food pass applications – 90-degree drop.
- 2. Full surface hinges, equal to Southern 203FS where indicated on architectural details and schedules for cuff-port applications – 180-degree drop.
- 3. Strikes: All locks and latches shall be furnished with manufacturer's standard strikes complete with dust boxes to conceal interior of door.
- 4. Fasteners:
  - a. Manufacturer hardware to conform to published template, generally prepared for machine screw installation. Do not provide hardware, which has been prepared for self-tapping of sheet metal screws.
  - b. Furnish screws for installation with each hardware item. All exposed screw heads, whether door is open or closed, shall be Torx flat-head or oval head screws except as otherwise indicated. Screws shall be the same material and finished to match the applied hardware item. Other types of security screws are unacceptable unless specifically approved by the Architect-Consultant.
- 5. Pull:
  - a. Grip Type Door Pulls shall be cast of brass or bronze with satin finish of approximately US26D unless specified otherwise in hardware schedule. Approximate overall length, 8-11/16" (nominal); handhold, 5-1/4"; grip clearance, 1-1/2"; attachment holes, 7-3/4" o.c. Provide two (2) 3/8-16 x 5/8" flat head Torx screws of same finish and material as pull.
  - b. Flush Type Door Pulls shall be integral from the Detention Hollow Metal Manufacturer. Pocket grip shall be no less than 1" deep at ADA cells. Integral pull shall be fully concealed, leaving no gaps or sharp edges.

**NEBRASKA DEPARTMENT OF CORRECTIONAL SERVICES  
OMAHA CORRECTIONAL CENTER  
DETENTION DOOR UPGRADES - BUILDINGS A and B  
OMAHA, NEBRASKA**

6. Door Silencers: (Ives SR64) shall be standard resilient type and removable for replacement.

**2.3 MECHANICAL LOCKS FOR DETENTION DOORS**

**A. Acceptable Manufacturers**

1. Except as otherwise specified herein, the equipment and materials of this section shall be products of the following Manufacturer, no substitution:

- a. Southern Folger Detention Equipment Company (SOUTHERN), San Antonio, TX

**B. Mechanical Locks and Accessories for Swinging and Sliding Doors**

1. Standard Features:

- a. Lock case to be high tensile strength alloy steel with cold rolled steel cover
  - b. All locks shall operate by inserting a key into matching cylinder and rotating key to unlock the lock.
  - c. All lock steel parts shall be zinc plated for corrosion protection and are suitable for both interior and exterior applications.
  - d. Keyed One Side (K1) or Keyed Two Sides (K2).

**C. Products**

1. Mechanical Deadbolt, SOUTHERN 1010AM:

- a. Lock size to be approximately 4 1/2" x 3" x 1-1/4". Deadbolt to be 3/4" x 1-1/2" hot rolled steel with 5/8" throw. Deadbolt locking and unlocking activated by key only.
  - b. The lock shall be supplied with a six (6) pin MOGUL key cylinder.
  - c. Provide extended bolt throw at food pass locations as required by hollow metal fabrication. DEC shall thoroughly coordinate with hardware and hollow metal manufacturers.
  - d. Escutcheons or DHM provided protection plates are required.

2. Provide extended bolt throw at food pass locations as required by hollow metal fabrication. DEC shall thoroughly coordinate with hardware and hollow metal manufacturers

**2.4 ELECTRO-MECHANICAL SLIDING DEVICES FOR DETENTION DOORS**

**A. Acceptable Manufacturers**

1. Except as otherwise specified herein, the equipment and materials of this section shall be products of the following Manufacturer, no substitution:

- a. Southern Folger Detention Equipment Company (SOUTHERN), San Antonio, TX

- B. Fully Electric Sliding Corridor Door Operator, equal to SOUTHERN 3165LX.b.HC.P-2G (Or keyed one side as shown in the individual hardware set notes):**

**NEBRASKA DEPARTMENT OF CORRECTIONAL SERVICES  
OMAHA CORRECTIONAL CENTER  
DETENTION DOOR UPGRADES - BUILDINGS A and B  
OMAHA, NEBRASA**

1. Function:
  - a. Unlock, open, and lock open a 3'-0" door in not more than six (6) seconds.
  - b. Unlock, close and deadlock close a 2'-0" door in not more than five (5) seconds.
  - c. Stop the movement of any door in mid-travel so that it may be manually opened or closed by applying approximately 35 lbs. of pressure on the door.
  - d. After the blocking obstruction is removed, the door will continue to move in the selected direction and lock automatically, unless power has timed-out. The blocking of one or more doors will not affect the operation of other doors.
  - e. Although the door movement can be stopped by the application of approximately 35 lbs. of pressure, the direction cannot be reversed at the door. However, the operator, by use of electronic controls, can reverse the direction electrically from control panel, with a minimum of 1.5 seconds delay (contingent on controls provided with system).
  - f. Loss of electrical power will cause a door or doors in transit to be held in that location. A free-wheeling door shall not be acceptable, whether in electric, manual, or emergency release position.
  - g. Normal force exerted by a door in travel is 40 lbs. This force shall be field adjustable from 15 lbs. to 110 lbs. to accommodate various door conditions.
  - h. Device shall hold preset pressure on door at all times of operation regardless of voltage.
  - i. The locking device shall be designed so that there will be no projecting lugs on the receiver column. Door shall automatically deadlock closed at two points at rear of door.
  - j. In the event of power failure, each door shall have capabilities of being unlocked with a paracentric key cylinder located within a 0.1345-inch-thick steel hip high manual release pilaster adjacent to the closing jamb of the door. Door can be moved by hand and will automatically lock upon reaching the fully opened or closed position.
  - k. Doors manually unlocked must be freewheeling to permit ease of movement.
2. Components:
  - a. All motors shall be 1/8 horsepower, single phase, 115 VAC, 1.4 Amp, as manufactured by a nationally recognized manufacturer.
  - b. Drives mechanism shall be rack and pinion.
  - c. Hanger guides shall be 1/4" thick steel plates.
  - d. Hanger shall interlock with track support with a clearance of not more than 1/4".
  - e. Hanger support rollers shall be milled from solid steel 3-3/4" O.D. grooved 3/8" deep to engage 1/2" cold drawn track.
  - f. Rollers shall have anti-friction ball bearings with hardened members and grease shields on both sides.
  - g. Roller studs shall be high alloy treated steel with eccentric bushing for adjustment and an automatic self-locking nut.
  - h. Include rubber bumpers to cushion doors.
  - i. Paint entire assembly, except track, rollers, and drive mechanism with rust inhibitive primer.
  - j. Provide 3/16" mild steel Door Skirt to decrease standard door undercut to a maximum of 1" from finished floor. Plate to be applied at screw slots with 1/4-28 BH Torx and tac welded with 2" welds every 12" on face and full at ends. Notch as

**NEBRASKA DEPARTMENT OF CORRECTIONAL SERVICES  
OMAHA CORRECTIONAL CENTER  
DETENTION DOOR UPGRADES - BUILDINGS A and B  
OMAHA, NEBRASKA**

required for receiver jamb, and ease bottom corners of plate to avoid injury. After final inspection, tac-weld screw slots. (Door skirts by Hollow Metal Manufacturer).

3. At slider doors not installed in Crash-Gates:
    - a. Receiver Jamb to be 7ga plate, 1" depth (bent flat toward the door panel) on inmate side, by 1" depth on non-secure side - MAINTAIN EXISTING CLEAR OPEN.
    - b. Door bottom guide shall be equal to full length of door travel.
  4. Housings:
    - a. The horizontal mechanism housing shall be constructed of 3/16" mild steel plate.
    - b. Housing covers shall be constructed of 10-gauge sheet steel and all openings shall be baffled.
    - c. All removable housing covers shall be hinged to allow access to mechanism without removal of housing cover. Hinged covers shall only be used at interior locations. Covers shall be hinged at the bottom, allowing cover to fall open.
    - d. The vertical lock bar housing and cover shall be constructed of 7-gauge sheet steel.
    - e. The vertical lock cover shall be removable only when the horizontal cover has been removed.
    - f. Provide split covers for device header cover box lengths in excess of 36".
    - g. All moving parts shall be concealed within the horizontal housing.
    - h. Provide 12-gauge wire tray in housing, for the electrical wired cable harness, in accordance with the applicable electrical code.
  5. Finish:
    - a. Paint entire assembly, except track, rollers, and drive mechanism, with rust inhibitive primer.
    - b. All electrically operated hardware shall be furnished with both male and female Molex connectors.
- C. Fully Electric Sliding Corridor Door Operator, equal to SOUTHERN 3165LX.bP (release tool in header):
1. Function:
    - a. Unlock, open, and lock open a 3'-0" door in not more than six (6) seconds.
    - b. Unlock, close and deadlock close a 2'-0" door in not more than five (5) seconds.
    - c. Stop the movement of any door in mid-travel so that it may be manually opened or closed by applying approximately 35 lbs. of pressure on the door.
    - d. After the blocking obstruction is removed, the door will continue to move in the selected direction and lock automatically, unless power has timed-out. The blocking of one or more doors will not affect the operation of other doors.
    - e. Although the door movement can be stopped by the application of approximately 35 lbs. of pressure, the direction cannot be reversed at the door. However, the operator, by use of electronic controls, can reverse the direction electrically from control panel, with a minimum of 1.5 seconds delay (contingent on controls provided with system).

**NEBRASKA DEPARTMENT OF CORRECTIONAL SERVICES  
OMAHA CORRECTIONAL CENTER  
DETENTION DOOR UPGRADES - BUILDINGS A and B  
OMAHA, NEBRASKA**

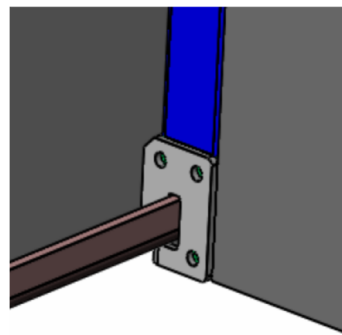
- f. Loss of electrical power will cause a door or doors in transit to be held in that location. A free-wheeling door shall not be acceptable, whether in electric, manual, or emergency release position.
  - g. Normal force exerted by a door in travel is 40 lbs. This force shall be field adjustable from 15 lbs. to 110 lbs. to accommodate various door conditions.
  - h. Device shall hold preset pressure on door at all times of operation regardless of voltage.
  - i. The locking device shall be designed so that there will be no projecting lugs on the receiver column. Door shall automatically deadlock closed at two points at rear of door.
  - j. Device shall be designed so that by inserting a release tool in the device header, a door may be operated from either side mechanically. Door can be moved by hand and will automatically lock upon reaching the fully opened or closed position.
  - k. In event of a power failure, each door shall have capabilities of being unlocked with a release tool, from the slider header side of door. This will enable door to be moved manually to an open position where the door will automatically lock open.
- 2. Components:
  - a. All motors shall be 1/8 horsepower, single phase, 115 VAC, 1.4 Amp, as manufactured by a nationally recognized manufacturer.
  - b. Drives mechanism shall be rack and pinion.
  - c. Hanger guides shall be 1/4" thick steel plates.
  - d. Hanger shall interlock with track support with a clearance of not more than 1/4".
  - e. Hanger support rollers shall be milled from solid steel 3-3/4" O.D. grooved 3/8" deep to engage 1/2" cold drawn track.
  - f. Rollers shall have anti-friction ball bearings with hardened members and grease shields on both sides.
  - g. Roller studs shall be high alloy treated steel with eccentric bushing for adjustment and an automatic self-locking nut.
  - h. Include rubber bumpers to cushion doors.
  - i. Paint entire assembly, except track, rollers, and drive mechanism with rust inhibitive primer.
  - j. Provide 3/16" mild steel Door Skirt to decrease standard door undercut to a maximum of 1" from finished floor. Plate to be applied at screw slots with 1/4-28 BH Torx and tac welded with 2" welds every 12" on face and full at ends. Notch as required for receiver jamb, and ease bottom corners of plate to avoid injury. After final inspection, tac-weld screw slots. (Door skirts by Hollow Metal Manufacturer).
- 3. At slider doors not installed in Crash-Gates:
  - a. Receiver Jamb to be 7ga plate, 1" depth (bent flat toward the door panel) on inmate side, by 1" depth on non-secure side - MAINTAIN EXISTING CLEAR OPEN.
  - b. Door bottom guide shall be equal to full length of door travel.
- 4. Housings:
  - a. The horizontal mechanism housing shall be constructed of 3/16" mild steel plate.
  - b. Housing covers shall be constructed of 10-gauge sheet steel and all openings shall be baffled.
  - c. All removable housing covers shall be hinged to allow access to mechanism without removal of housing cover. Hinged covers shall only be used at interior locations. Covers shall be hinged at the bottom, allowing cover to fall open.
  - d. The vertical lock bar housing and cover shall be constructed of 7-gauge sheet steel.

**NEBRASKA DEPARTMENT OF CORRECTIONAL SERVICES  
OMAHA CORRECTIONAL CENTER  
DETENTION DOOR UPGRADES - BUILDINGS A and B  
OMAHA, NEBRASA**

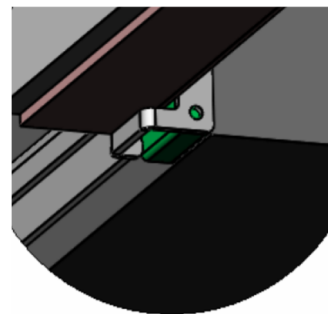
- e. The vertical lock cover shall be removable only when the horizontal cover has been removed.
    - f. Provide split covers for device header cover box lengths in excess of 36".
    - g. All moving parts shall be concealed within the horizontal housing.
    - h. Provide 12-gauge wire tray in housing, for the electrical wired cable harness, in accordance with the applicable electrical code.
  - 5. Finish:
    - a. Paint entire assembly, except track, rollers, and drive mechanism, with rust inhibitive primer.
- D. All electrically operated hardware shall be furnished with both male and female Molex connectors
- E. Electric Sliding Door Locking Device for Cells, SSCO 3150LXHC:
  - 1. Function
    - a. Unlock, open and lock open a 2'-4" door in not more than five (5) seconds.
    - b. Unlock, close and deadlock close a 2'-4" door in not more than five (5) seconds.
    - c. Simultaneously unlock, open, and lock open, or close and lock close any pre-selected group of doors in the group.
    - d. Instantly reverse the direction of movement of the remaining doors in the group.
    - e. Blocking of one door shall not interfere with the operation of any other door in the group. When blocking object is removed, the door will automatically continue movement to the selected open or closed position.
    - f. Normal force exerted by a door in travel is approximately 40 lbs.
    - g. Each door shall automatically deadlock at two (2) concealed points at the rear of the door. Front locking will not be accepted.
    - h. Doors stalled or stopped due to blockage or loss of power while in electric operation cannot be moved manually in either direction.
    - i. In the event of power failure, each door shall have capabilities of being unlocked with a release tool located in the header of the device. Door can be moved by hand and will automatically lock upon reaching the fully opened or closed position.
    - j. Doors manually unlocked must be freewheeling to permit ease of movement.
    - k. Group emergency release shall be provided electronically from the control console or manually with a special extended length release tool at individual device headers.
  - 2. Components:
    - a. All motors shall be 1/20 horsepower, 115 VAC, 60Hz, single phase, as manufactured by a nationally recognized manufacturer.
    - b. Hanger carrier to be 3/16" thick steel plate, full width of door.
    - c. Hanger carrier is to be positively engaged at bottom of cover box.
    - d. Provide factory wired cable harness inside housing with mating plug connectors for each motor unit.
    - e. Hanger carrier rollers to be turned from solid steel 3" OD and are to have anti-friction ball bearing with hardened members and grease shields both sides.
    - f. Rollers are to have anti-friction ball bearings with hardened members and grease shield on both sides.
    - g. Devices shall be rack and pinion drive. Chain drive devices are not acceptable.
    - h. Heavy-duty rubber bumpers shall be included to cushion door.

**NEBRASKA DEPARTMENT OF CORRECTIONAL SERVICES  
OMAHA CORRECTIONAL CENTER  
DETENTION DOOR UPGRADES - BUILDINGS A and B  
OMAHA, NEBRASKA**

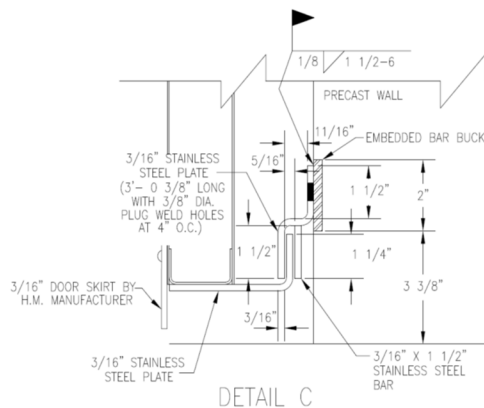
- i. Factory-wire cable harness inside housing with mating plug connectors for each motor unit.
- j. Provide 3/16" mild steel Door Skirt to decrease standard door undercut to a maximum of 1/2" from finished floor. Plate to be applied at screw slots with 1/4-28 BH Torx and tac welded with 2" welds every 12" on face and full at ends. Notch as required for receiver jamb, and ease bottom corners of plate to avoid injury. After final inspection, tac-weld screw slots. (Door skirts by Hollow Metal Manufacturer).
- k. For stability, provide door guide with backer plate which includes a door guide reinforcing plate per Details 'A', 'B' and 'C':
- l. Receiver(l) Jamb to be 0.1793-inch-thick plate. 1" depth (bent flat toward the door panel) on cell side, by 1" depth on dayroom side per Detail 'D' - MAINTAIN EXISTING CLEAR OPEN:
- m. Door bottom guide shall be equal to full length of door travel.



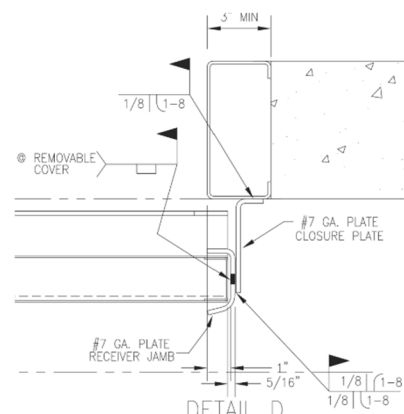
DETAIL A  
(VIEW FROM INSIDE CELL)



DETAIL B  
(BOTTOM VIEW)



DETAIL C



DETAIL D

3. Housings:
  - a. The horizontal mechanism housing shall be constructed of 3/16" mild steel plate.
  - b. Housing covers shall be slope top and constructed of 0.1345-inch-thick sheet steel. All openings shall be baffled.
  - c. The vertical lock bar housing shall be constructed of 1/8" mild steel tube to be 1" x 2" and the lock bar to be constructed of 5/8" square cold rolled bar steel, free moving within housing.
    - 1) After installation, installer shall maintain a maximum gap between door and face of wall of no more than 3/16". Provide filler plate attached to door edge as required to reduce gap.

**NEBRASKA DEPARTMENT OF CORRECTIONAL SERVICES  
OMAHA CORRECTIONAL CENTER  
DETENTION DOOR UPGRADES - BUILDINGS A and B  
OMAHA, NEBRASKA**

- a) Notch filler plate at all wall and chase frame mounted devices, which would otherwise interfere with door slide travel.
- d. All housing covers shall be attached with Torx head security fasteners.
- e. All housing covers shall be hinged to allow access to mechanism without removal of housing cover.
- f. Provide 12-gauge wire tray in housing, for the electrical wired cable harness, in accordance with the applicable electrical code.
- g. Cell devices shall be provided with splice plates in cell runs to provide a gap-free header run installation.
- 4. Finish:
  - a. Paint entire assembly, except track, rollers and drive mechanism, with rust inhibitive primer.
- 5. All electrically operated hardware shall be furnished with both male and female Molex connectors.

**2.5 KEYING AND KEYS**

**A. Keying and Keys**

- 1. Key Cylinders shall be high security mogul cylinders to match the manufacturer of the high security building D and E sliding device key cylinders, keyed in sets of master and change keys, to level as directed by the Owner or as provided by the Owner.
  - a. Provide five (5) keys per master code.
  - b. Provide eight (8) keys per change key code.
  - c. Provide blank HS mogul keys in a quantity as directed by the Owner during the keying phase.
- 2. Where possible, only High Security Mogul keys/cylinders shall be used.

**B. Key Control System:**

- 1. For the security of the facility, all keying schedules, or floorplans showing keying, at no time will be submitted through website or construction software that is accessible to any persons or parties other than those that attend the keying meeting. These documents shall be submitted by email only, directly to the owner, contractor, architect, and consultant R&N Systems Design (tammier@rnsystemsdesign.com). The Owner may then distribute the keying schedules to any additional parties requiring access.
- 2. Detention Keying Conference: The DEC shall schedule and lead a detention keying meeting. DEC shall invite the Owner, the Owner's keying representative, General Contractor, Architect and Consultant R&N (Tammie Rodgers) as conference participants. If any portion of the DEC's lock installation work is subcontracted, the DEC shall also invite the installer.
  - a. The DEC shall have prepared a preliminary keying layout on floor plans that show hardware set, door type, proposed master key, change key and auxiliary keys if any, for every keyed door and device in the detention scope of work, laid out and color coded at each individual detention door/keyed opening for the Owner's input and changes. Each key shall have separate colors shown on the floor plan that can be seen from a full-page screen view.



**NEBRASKA DEPARTMENT OF CORRECTIONAL SERVICES  
OMAHA CORRECTIONAL CENTER  
DETENTION DOOR UPGRADES - BUILDINGS A and B  
OMAHA, NEBRASKA**

3. Touch and Sight keys shall be such that meets NFPA-101 Life Safety Code (22.7.5) to identify key(s) by Touch and Sight. DEC shall provide a preliminary Touch and Sight keying plan to be presented during the initial keying meeting, on a separate set of floor plans, for the Owner's input and changes.
4. After the keying meeting, the DEC shall revise and submit Owners requested keying and Touch and Sight keying on separate floorplans within the same submittal. This revised keying will be transmitted back to the Owner and design team for final review and approval.
5. Key control:
  - a. The DEC shall coordinate delivery of keys with the key manufacturer. The keys shall be delivered to the General Contractor on site. The General Contractor shall turn over the un-opened delivery to the DEC. Delivery coordination shall be confirmed with the Owner at the detention keying meeting.
  - b. The DEC shall inventory all keys and set up a key sign-out/responsible party spreadsheet. Any keys moving from one person's possession to another while in the DEC's possession shall be tracked by this sheet. The last person listed on the key sign out sheet shall be responsible for any lost or unaccounted for keys.
  - c. After inventory, the DEC shall turn all keys over to the Owner or the party designated by the Owner at the detention keying meeting, as having responsibility for the keys and key sign-out sheet during the construction phase. If the DEC is selected as the designated party, the DEC shall be responsible for tracking all keys until substantial completion.
  - d. The DEC shall set up keys on facility keyrings as directed by the Owner during the keying meeting, or during the final keying submittal phase. Alternately, the Owner may elect to assign this task to facility staff.
  - e. In addition to standard facility keyrings, there shall be additional sets provided (as directed by the Owner) of Emergency key rings. The DEC shall also set up these keyrings for the Owner.
  - f. Emergency keys shall be stored in a mechanical key cabinet (or as directed by the Owner), in the Owner designated Building/Room, as assigned during the detention keying meeting. The balance of key cabinets shall be installed in locations throughout the Facility as directed by the Owner during the keying phase.
  - g. In the unlikely event any key is lost, the party having possession of the key, based on the key sign-out sheet record, shall bear all costs incurred in having locks re-keyed.
  - h. If the DEC was elected by the Owner as being responsible for all keys during the construction phase, at substantial completion, the DEC shall take a final inventory of all keys, then turn over all keys to the Owner.
6. All keys shall be stamped with a maximum of six (6) characters, as directed by Owner.

**PART 3 - EXECUTION**

**3.1 GENERAL REQUIREMENTS**

- A. Examine and inspect all surfaces, anchors, and grounds that are to receive materials, fixtures, assemblies, and equipment specified herein. Check location, "rough in", and field dimensions prior to beginning work. Report all unsatisfactory conditions in writing to the Architect-Engineer and general contractor.

**NEBRASKA DEPARTMENT OF CORRECTIONAL SERVICES  
OMAHA CORRECTIONAL CENTER  
DETENTION DOOR UPGRADES - BUILDINGS A and B  
OMAHA, NEBRASA**

1. Do not begin installation until all unsatisfactory conditions have been corrected.
- B. Verify all dimensions and be responsible for their correctness. No extra compensation will be allowed for differences between actual measurements and the dimensions indicated on the drawings.

**3.2 INSTALLATION**

- A. Install security materials and accessories in accordance with the final shop drawings, manufacturer's data, and as herein specified.
  1. Provide manufacturer's supervision of installation, including testing and interfacing of systems.
- B. Install all components and complete system as indicated and in accordance with manufacturer's recommendations and instructions.
- C. Nuts of all bolted work shall be drawn tight and threads battered or welded. Bolting may be used in the installation of detention equipment provided that the nuts are not accessible to inmates or exposed to view. Bolts shall be special oval head or flat head Torx security type. Screws shall be the same material and finished to match the applied hardware item. Other types of security bolts are unacceptable unless specifically approved by the Architect-Engineer. Provide two sets of wrenches for each size bolt used.

**3.3 ADJUSTING**

- A. Final Adjustments: Prior to final inspection check and re-adjust all components to operate within their designed capacity. All components shall be adjusted and tested to verify correct operation prior to final inspection.
- B. All devices shall be tested for specified and manufacturer described operation.
- C. All tests required by local agencies shall be performed.
- D. All tests required by Owner and Owner's representative shall be performed.
- E. Systems not meeting the minimum level of acceptability as defined in the test procedures shall be repaired and retested.
- F. Provide documentation of test procedures and results.
- G. Equipment manufacturer's representative shall certify that the systems are installed and operate as specified.
- H. All costs to test and retest systems shall be the responsibility of the Detention Equipment Contractor.

**NEBRASKA DEPARTMENT OF CORRECTIONAL SERVICES  
OMAHA CORRECTIONAL CENTER  
DETENTION DOOR UPGRADES - BUILDINGS A and B  
OMAHA, NEBRASKA**

**3.4 DETENTION HARDWARE SCHEDULE**

**A. GENERAL NOTES:**

1. Provide raised pulls on hinge side of door with recessed pulls on the opposite side at all doors where locks do not have built-in levers or knobs. Recessed pulls shall be integral by the hollow metal manufacturer. Torx Screws shall be flat-head as specified.
2. Interlocking threshold equal to Reese T550A/custom J-Hook per 087163.2.2.C (refer to 083463.2.9.C for custom J-Hook) provided at Dayroom to Rec.
3. Provide a doorstop equal to Ives FS18L at all door openings in accordance with 087163.2.2.C, unless otherwise instructed by the Architect/Consultant.
4. Locks with mogul cylinders shall be provided with High Security Mogul Cylinders only, meeting ASTM F1577, and UL-437. Builder's cylinders are unacceptable on detention locks.
5. Any door greater than 3'-0" in width and/or greater than 7'-0" in height shall receive four (4) hinges. Electric Power Transfer hinges (EPT hinges) shall not be considered as a load-bearing hinge.

**SH5 (Corridor)**

UNIT	PART	CATALOG NO.	FINISH	MANUFACTURER
1 EA	SLIDING DEVICE	3165LX.b.HC.PKM-2G	GALV	SOUTHERN STEEL
1EA	RAISED PULL	212C	US26D	SOUTHERN STEEL
2EA	HS MOGUL	CYLINDER	US26D	SOUTHERN STEEL
1EA	RECESSED PULL	INTEGRAL	US32D	BY HM MANUF.

***NOTE: WINDOW JAMB AT RECEIVING SIDE OF THE DEVICE WILL BE ADJUSTED TO ACCEPT THE PILASTER K2S AND K1S.***

***\*NOTCH RECEIVING JAMB AT LEADING EDGE CUFFPORTS.***

***\*PROVIDE HS SOUTHERN STEEL MOGUL KEY CYLIDERS.***

***\*PROVIDE A PILASTER KEYED TWO SIDES AT A116.1.***

***\*PROVIDE KEYED ONE SIDE AT A116.3.***

***\*PROVIDE CUFF AND SHACKLE PORT AT B170.1 AND B170.2, REQUIRES 4 FOOD PASS HINGES AND TWO 1010AM-1 LOCK WITH HS MOGUL CYLINDERS FOR EACH OPENING.***

**SH5A (Cells)**

UNIT	PART	CATALOG NO.	FINISH	MANUFACTURER
1EA	SLIDING DEVICE	3150LX.b	GALV	SOUTHERN STEEL
1EA	FOOD PASS LOCK	1010AM-1	GALV	SOUTHERN STEEL
1EA	HS MOGUL	CYLINDER	US26D	SOUTHERN STEEL
2EA	FOOD PASS HINGE	203FP	US26D	SOUTHERN STEEL
1EA	RAISED PULL	212C	US26D	SOUTHERN STEEL
1EA	RECESSED PULL	INTEGRAL	US32D	BY HM MANUF.

***NOTE: MOGUL CYLINDERS ON FOOD PASS. NOTCH THE GAP FILLER PLATE BETWEEN WALL AND BACK EDGE OF DOOR TO CLEAR WALL MOUNTED DEVICES. NOTCH RECEIVING JAMB FOR LEADING EDGE FOOD PASS. ALL EXPOSED FASTENER HEADS SHALL BE TORX TAMPER RESISTANT. COORDINATE CONTROLS WITH DIVISION 28 AND OWNER. REPLACE IN KIND ANY WALL MOUNTED SHACKLE RINGS THAT ARE DAMAGED DURING DEMOLITION.***

NEBRASKA DEPARTMENT OF CORRECTIONAL SERVICES  
OMAHA CORRECTIONAL CENTER  
DETENTION DOOR UPGRADES - BUILDINGS A and B  
OMAHA, NEBRASA

**SH5B (Corridor)**

UNIT	PART	CATALOG NO.	FINISH	MANUFACTURER
1 EA	SLIDING DEVICE	3165LX.b	GLAV	SOUTHERN STEEL
1EA	RAISED PULL	212C	US26D	SOUTHERN STEEL
1EA	RECESSED PULL	INTEGRAL	US32D	BY HM MANUF.

***NOTE: SLIDERS AND DOORS MUST CARRY FULL UL LABEL WHERE FIRE/SMOKE RATINGS OCCUR. PROVIDE MECHANICAL RELEASE ACCESSABLE THROUGH HEADER – PROVIDE CUSTOM EXTENDED LENGTH RELEASE TOOL.***

END OF SECTION 087163



# NDCS - Omaha Correctional Center

## Detention Door Upgrades - Buildings A and B

2323 Ave J  
Omaha, Nebraska 68110

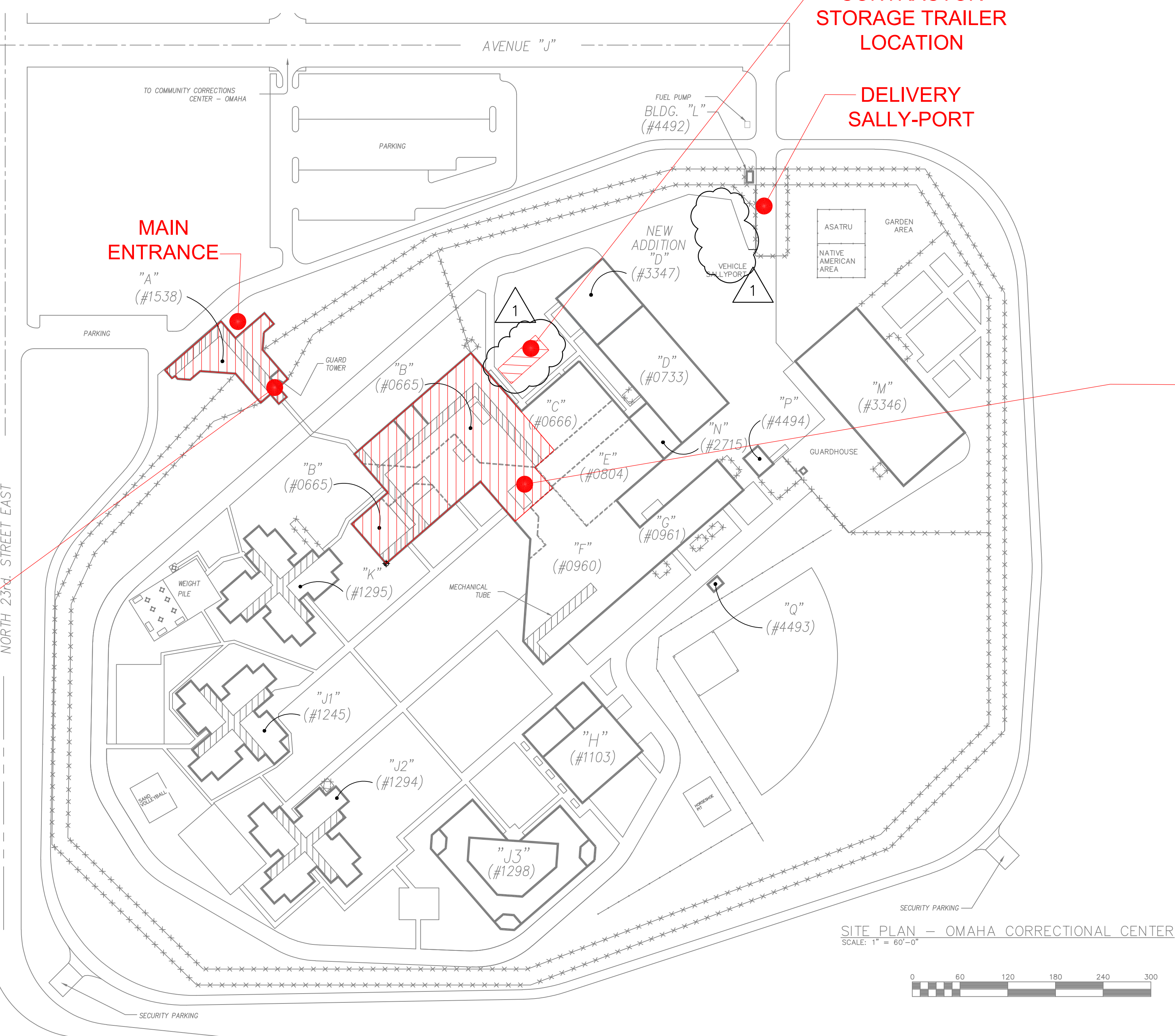
### INDEX OF DRAWING

GENERAL	ARCHITECTURAL
G-001 COVER SHEET (THIS PAGE)	A-101 BUILDINGS A & B - PLANS, ELEVATIONS, AND DETAILS

### LOCATION MAP



### ENLARGED COORDINATION CAMPUS MAP



**davis**  
design

**Lincoln**  
1221 N Street, Suite 600  
Lincoln, NE 68508

**Norfolk**  
130 South 5th Street  
Norfolk, NE 68701

**Vermillion**  
15 East Main, Suite 201  
Vermillion, SD 57069

NDCS PROJECT NUMBER: 2309  
PROJECT NUMBER: 23-0102  
DATE: 02-16-2024

**davis**  
design

**Lincoln**  
1221 N Street, Suite 600  
Lincoln, NE 68508

**Norfolk**  
130 South 5th Street  
Norfolk, NE 68701

**Vermillion**  
15 East Main, Suite 201  
Vermillion, SD 57069

This document was originally signed and sealed by:

**JON P. DALTON**  
E-9114  
ON 02-16-2024

This message should not be considered a certified document.

Jon P. Dalton  
is the Consulting Professional on the  
NDCS Detention Door Upgrades A & B.

CLIENT INFORMATION  
**Nebraska**  
Department of  
Correctional  
Services

2323 Avenue J  
Omaha, NE 68110

PROJECT INFORMATION  
Detention Door  
Upgrades

Buildings A and B

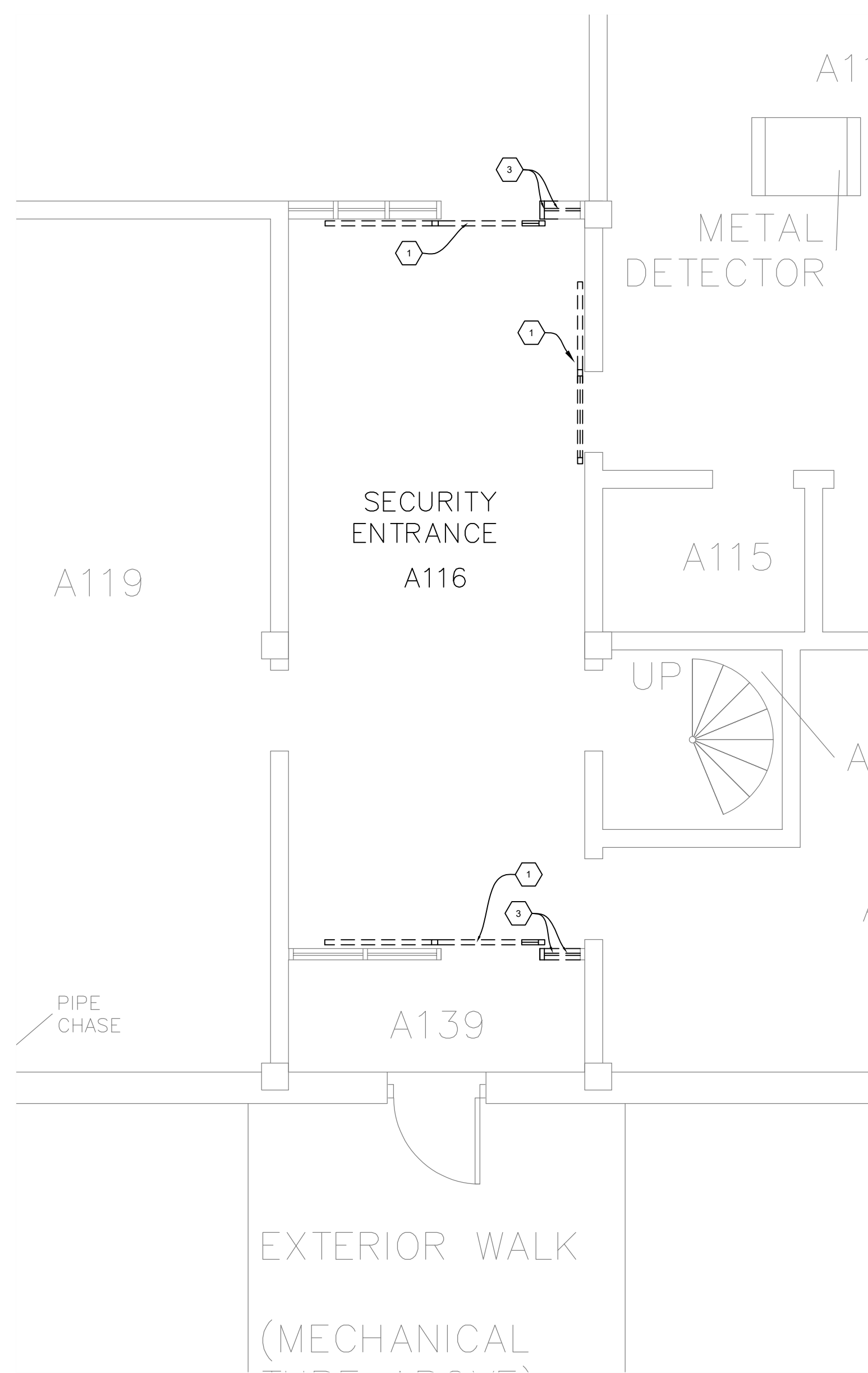
Job # 23-0102  
ISSUE DATE 02-16-2024  
Revisions:  
1 02/26/24 Addendum 1

CHECKED: JPD  
AUTHOR: BMS  
DAVIS DESIGN ALL RIGHTS RESERVED

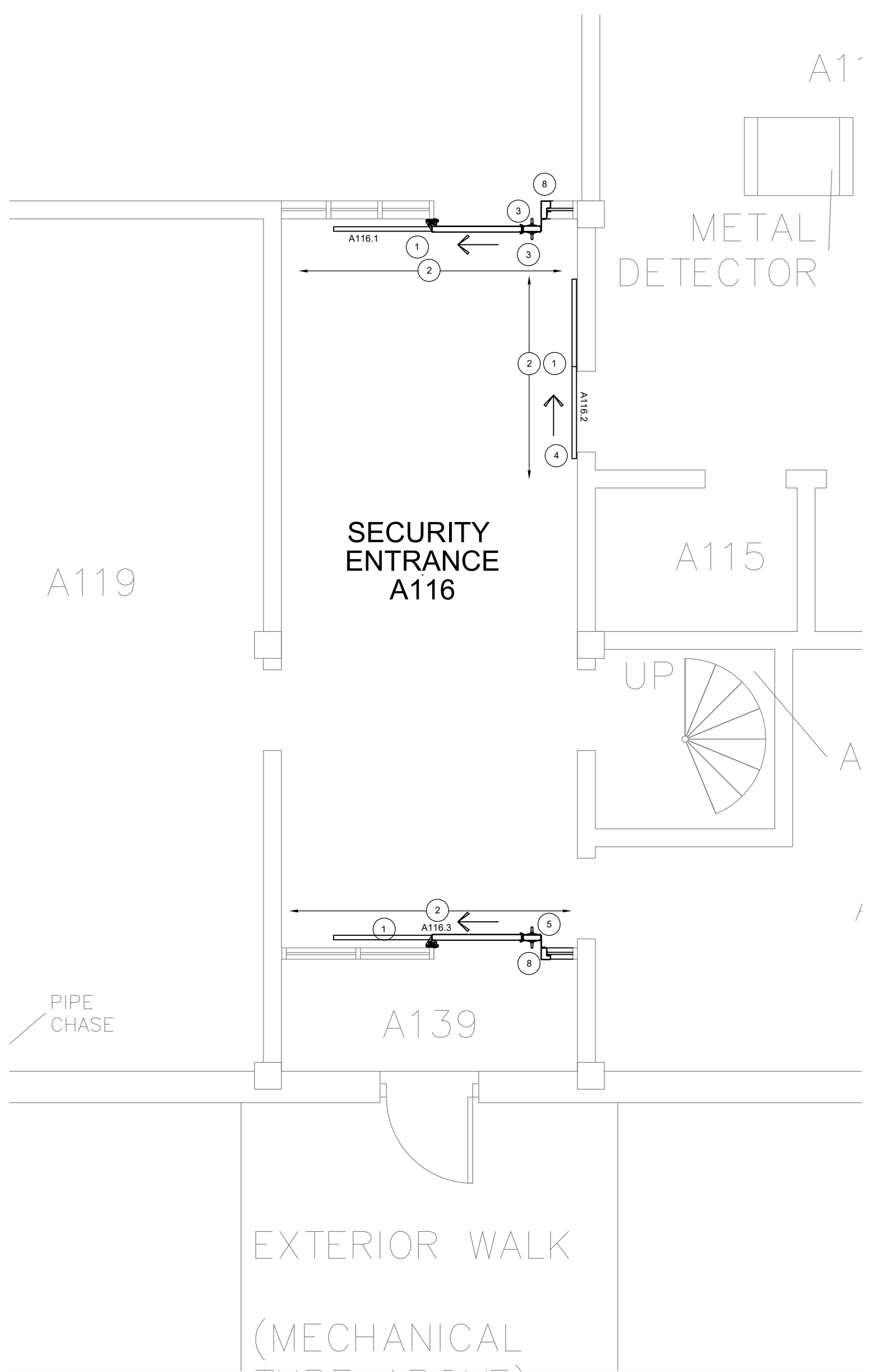
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**Cover Sheet**

SHEET NUMBER  
**G-001**

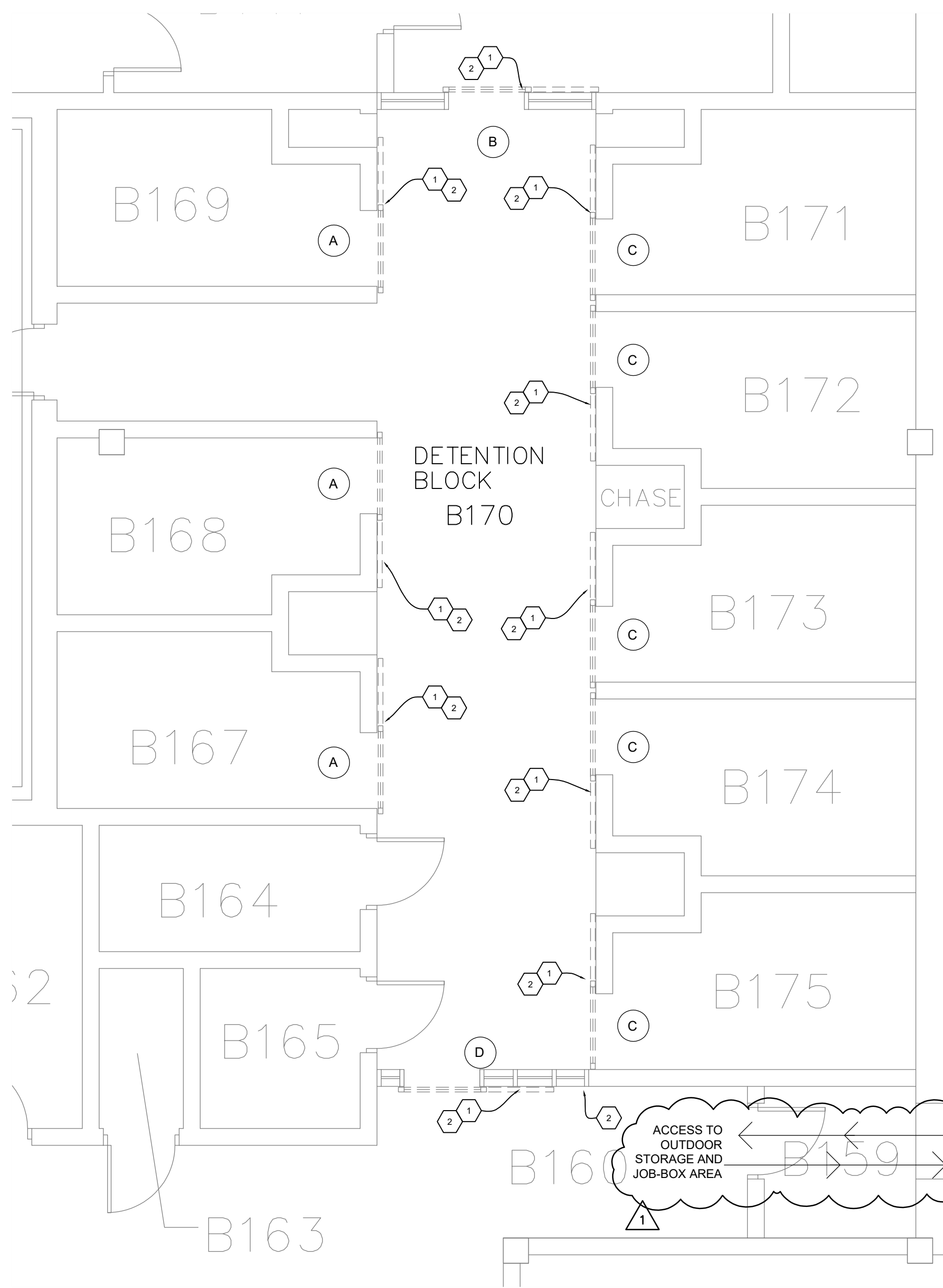




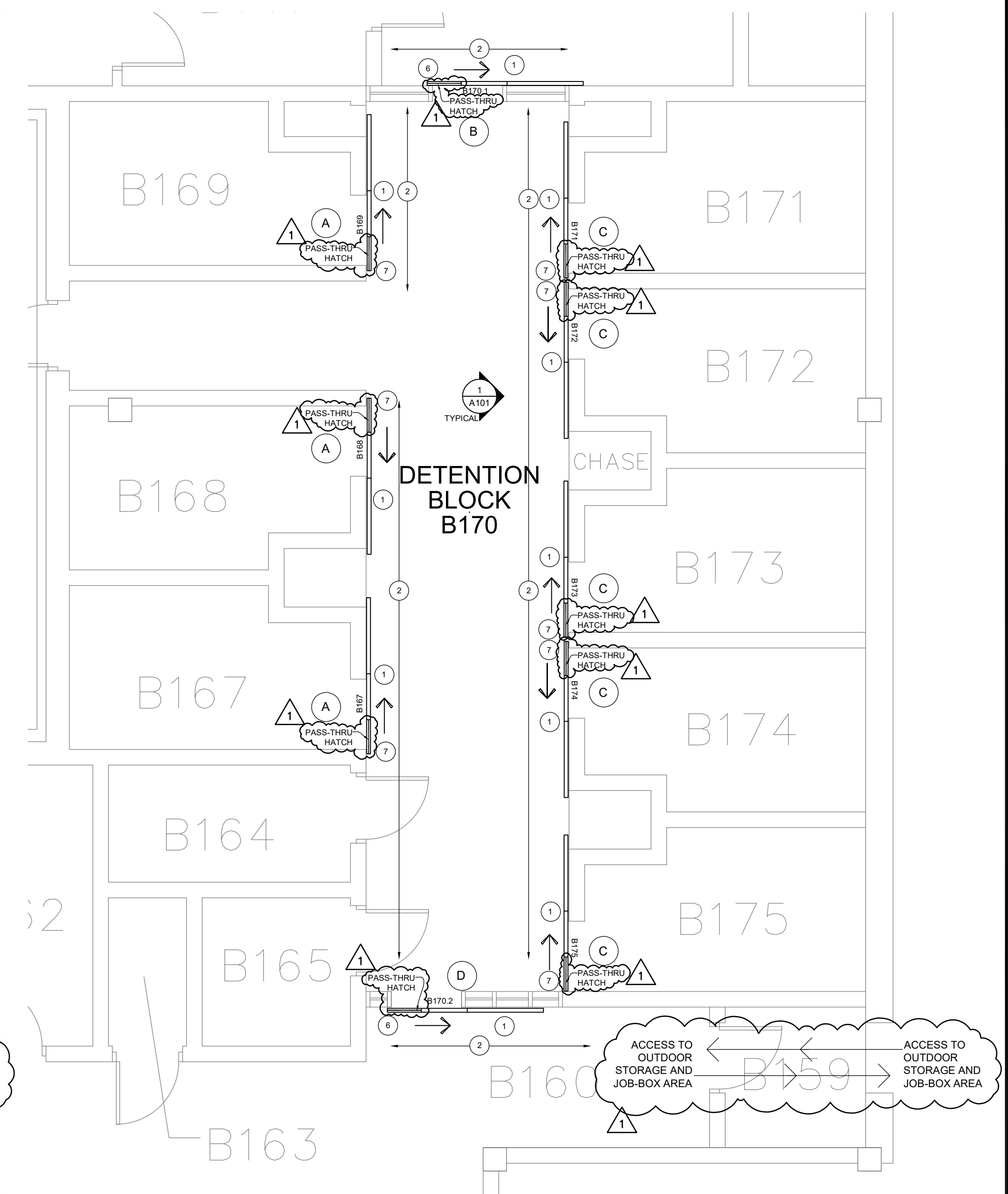
**DEMOLITION PLAN - BLDG A**  
SCALE: 1/4" = 1'-0"



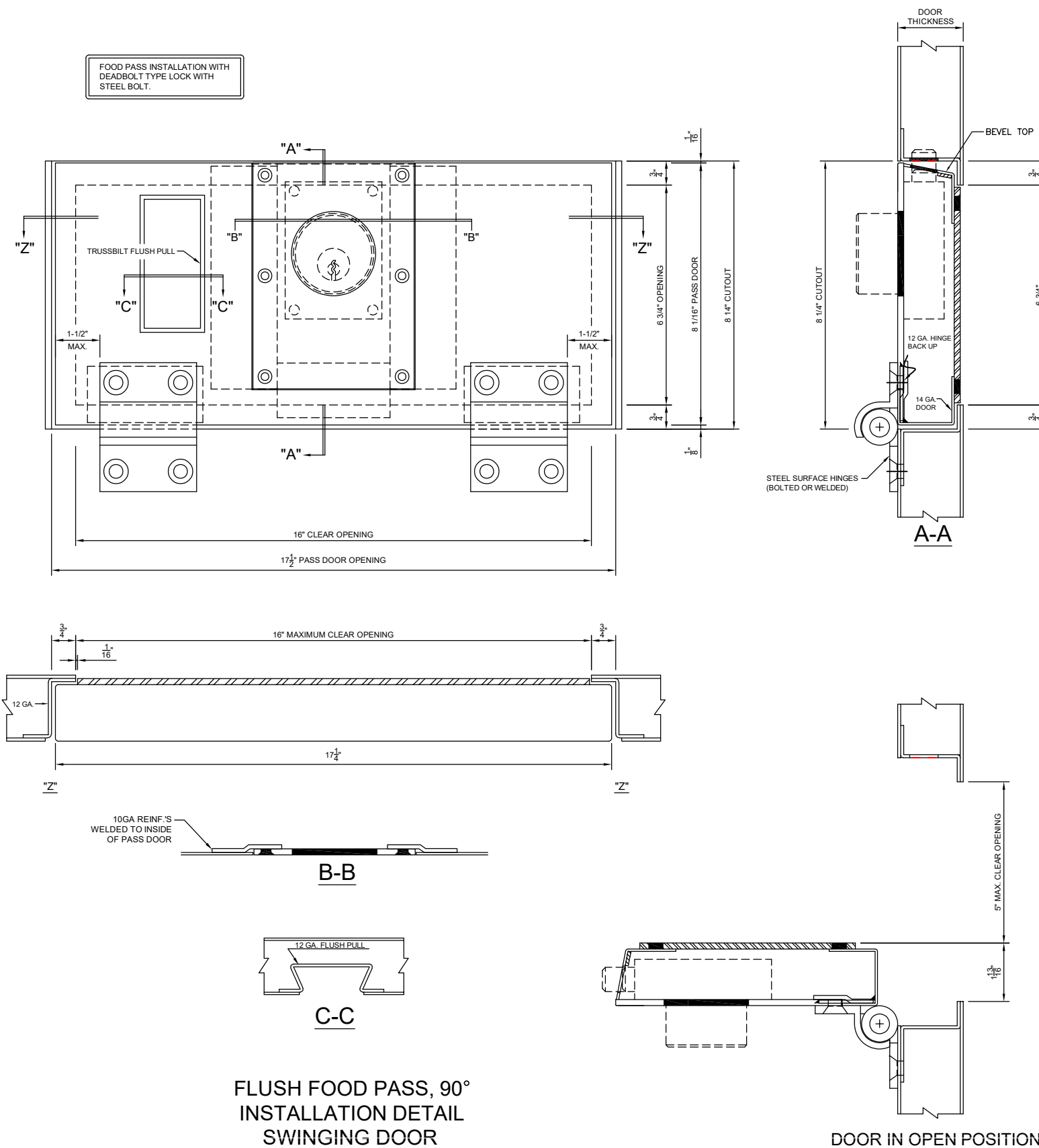
**FLOOR PLAN - BLDG A**  
SCALE: 1/4" = 1'-0"



**DEMOLITION PLAN - BLDG B**  
SCALE: 1/4" = 1'-0"

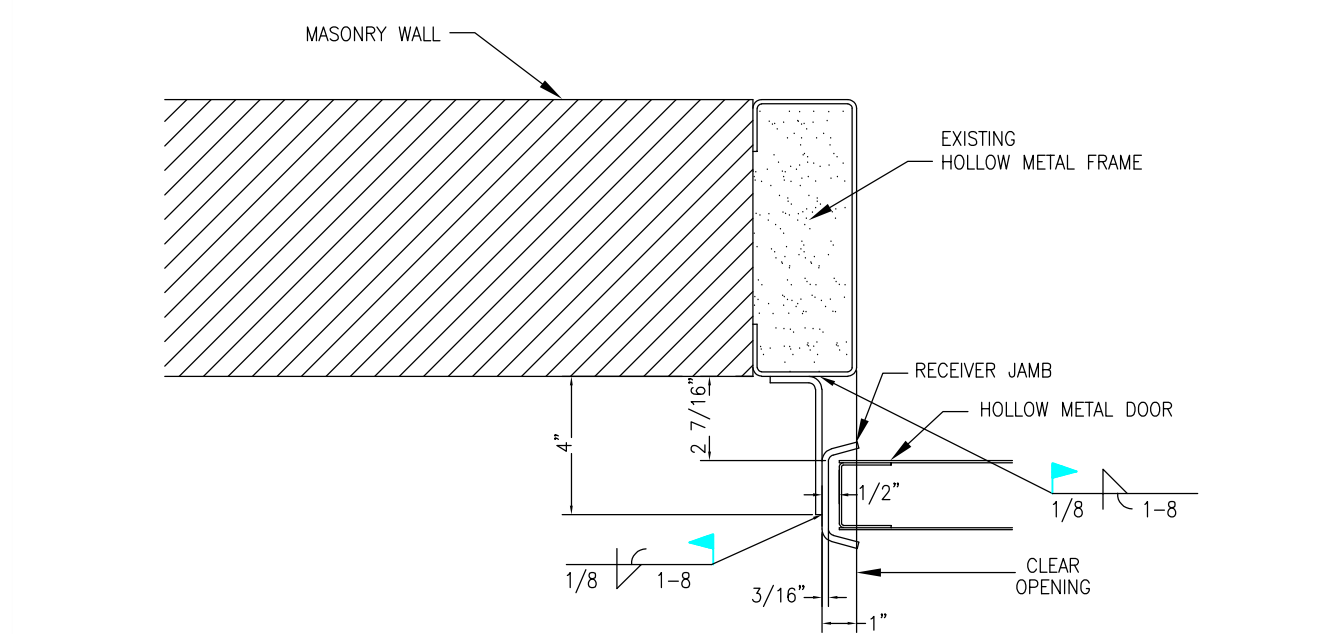


**FLOOR PLAN - BLDG B**  
SCALE: 1/4" = 1'-0"



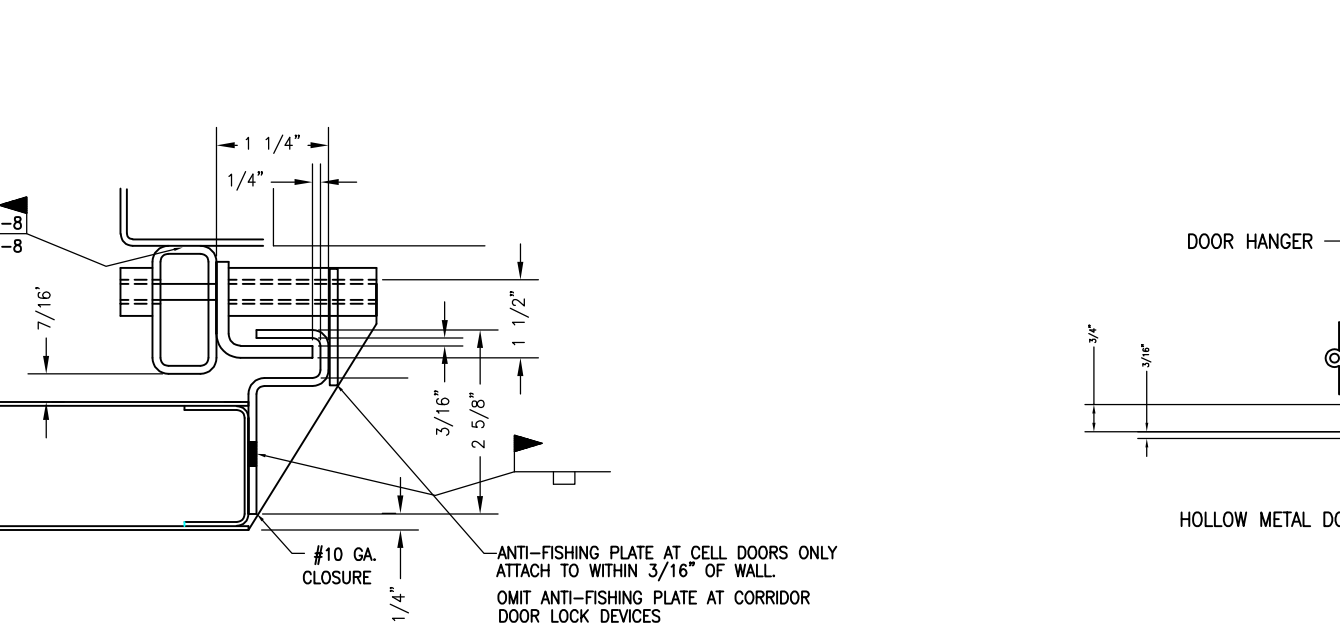
**2 DOOR RECEIVER JAMB (W/ PILISTER) AT ENTRY**  
Scale: NO SCALE. NOTE: DETAIL FOR COORDINATION ONLY. SEE DOOR MANUFACTURER'S PRODUCT DETAILS FOR INSTALLATION.

**4 FOOD PASS-THRU (W LOCK) DETAIL**  
Scale: NO SCALE. NOTE: DETAIL FOR COORDINATION ONLY. SEE DOOR MANUFACTURER'S PRODUCT DETAILS FOR INSTALLATION.



**5 DOOR RECEIVER JAMB DETAIL**  
Scale: NO SCALE. NOTE: DETAIL FOR COORDINATION ONLY. SEE DOOR MANUFACTURER'S PRODUCT DETAILS FOR INSTALLATION.

**3 DOOR LOCK JAMB DETAIL AT ENTRY**  
Scale: NO SCALE. NOTE: DETAIL FOR COORDINATION ONLY. SEE DOOR MANUFACTURER'S PRODUCT DETAILS FOR INSTALLATION.



**6 DOOR LOCK JAMB DETAIL**  
Scale: NO SCALE. NOTE: DETAIL FOR COORDINATION ONLY. SEE DOOR MANUFACTURER'S PRODUCT DETAILS FOR INSTALLATION.

**DEMOLITION LEGEND**

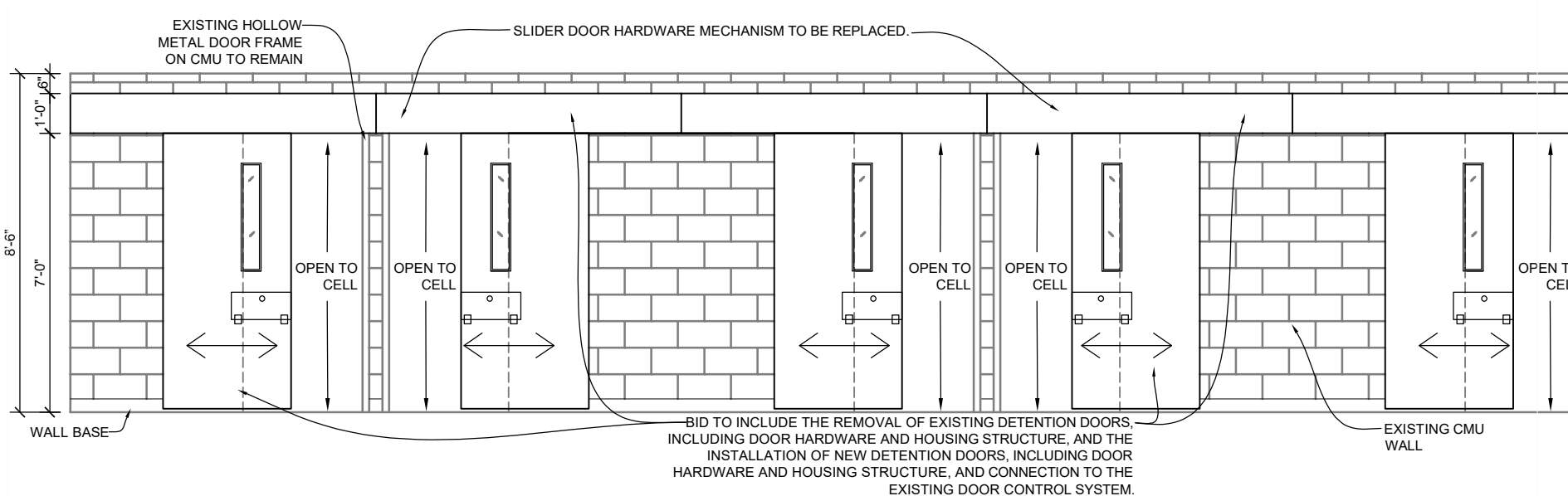
--- EXISTING TO BE REMOVED  
--- EXISTING TO REMAIN

**REFERENCED DEMOLITION NOTES**

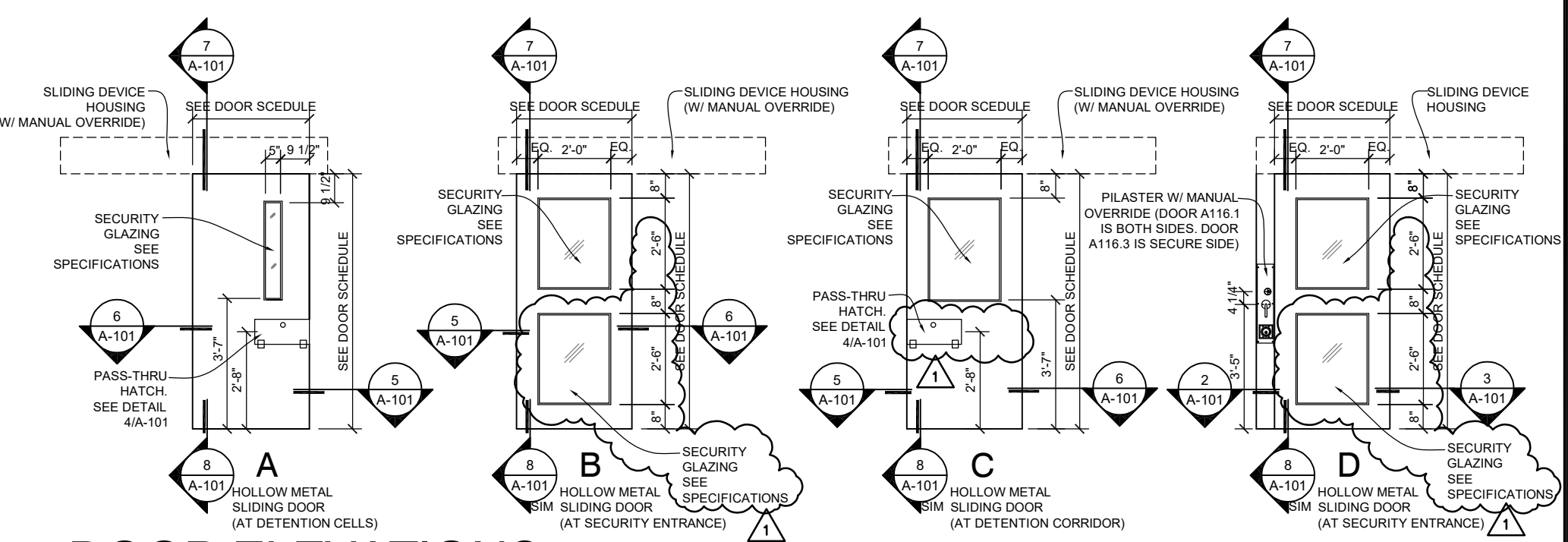
- PROVIDE IN BID, INCLUDES THE REMOVAL OF EXISTING DETENTION DOORS, INCLUDING DOOR HARDWARE AND SLIDING DEVICE HOUSING STRUCTURE, AND THE INSTALLATION OF NEW DETENTION DOORS, INCLUDING DOOR HARDWARE AND HOUSING STRUCTURE, AND CONNECTION TO THE EXISTING DOOR CONTROL SYSTEM.
- MANUAL OVERRIDE MECHANISM AND HOUSING SHALL BE REMOVED INCLUDING ALL LINKAGES TO CELL DOORS AND CORRIDOR DOORS.
- REMOVE AND MODIFY THE EXISTING WINDOW FRAME AND GLASS FOR NEW DOOR PLASTER. (SEE DOOR ELEVATION TO THE WINDOW FRAME MILLION) NEEDS TO BE WIDER TO PROVIDE ADEQUATE SUPPORT/SECURING THE REQUIRED PLASTER. PRIMARY PATH OF EXIT IS FROM THE SECURE SIDE.

**NEW KEYED NOTES:**

- PROVIDE IN BID, INSTALLATION OF NEW DETENTION DOORS, INCLUDING DOOR HARDWARE, SLIDING DEVICE HOUSING STRUCTURE, AND CONNECTION TO THE EXISTING DOOR CONTROL SYSTEM.
- CONTRACTOR TO CLEAN WALLS AND PATCH ANY HOLES CAUSED BY REMOVAL OF SLIDER DOOR / MANUAL OVERRIDE MECHANISM AND HOUSING ABOVE DOOR. OWNER TO PAINT AS REQUIRED.
- INTERIOR SLIDING DOOR TO HAVE MANUAL OVER-RIDE FEATURE FROM BOTH SIDES. COORDINATE WITH MODIFIED EXISTING WINDOW FRAME, AND GLASS. THE WINDOW FRAME MILLION NEEDS TO BE WIDER TO PROVIDE ADEQUATE SUPPORT/SECURING THE REQUIRED PLASTER. PRIMARY PATH OF EXIT IS FROM THE SECURE SIDE.
- SLIDING DOOR TO HAVE MANUAL OVER-RIDE FEATURES FROM ONE SIDE ONLY. (INSIDE SECURE SIDE) THROUGH NEW PLASTER.
- INTERIOR SLIDING DOOR TO HAVE MANUAL OVER-RIDE FEATURE FROM ONE SIDE (SECURE SIDE). COORDINATE WITH MODIFIED EXISTING WINDOW FRAME, AND GLASS. THE WINDOW FRAME MILLION NEEDS TO BE WIDER TO PROVIDE ADEQUATE SUPPORT/SECURING THE REQUIRED PLASTER. PRIMARY PATH OF EXIT IS FROM THE SECURE SIDE.
- SLIDING DOOR TO HAVE MANUAL OVER-RIDE FEATURES FROM ONE SIDE ONLY. (OUTSIDE SECURE SIDE) THROUGH NEW PLASTER.
- SLIDING CELL DOOR TO HAVE MANUAL OVER-RIDE FEATURES IN CHASE HOUSING (SEE DOOR ELEVATIONS FOR DETAIL AT SECURITY ENTRANCE).
- PATCH FLOORING AND CEILING AS REQUIRED TO COMPLETE WORK.



**1 TYPICAL CELL DOOR WALL ELEVATION**  
Scale: 1/4" = 1'-0"



**DOOR ELEVATIONS**  
SCALE: 1/4" = 1'-0"

**DOOR AND FRAME SCHEDULE**

OPNG	DOOR	FRAME	DETAILS	REMARKS
A1161	3'-0" 3'-10 1/2" 7'-0" 2" D	HM-1 PAINT S02	EXIST	EXIST
A1162	3'-0" 3'-10 1/2" 7'-0" 2" B	HM-1 PAINT S02	EXIST	EXIST
A1163	3'-0" 3'-10 1/2" 7'-0" 2" A	HM-1 PAINT S02	EXIST	EXIST
B167	3'-0" 3'-10 1/2" 7'-0" 2" A	HM-1 PAINT S03	EXIST	EXIST
B168	3'-0" 3'-10 1/2" 7'-0" 2" A	HM-1 PAINT S03	EXIST	EXIST
B169	3'-0" 3'-10 1/2" 7'-0" 2" A	HM-1 PAINT S03	EXIST	EXIST
B170	3'-0" 3'-10 1/2" 7'-0" 2" C	HM-1 PAINT S02	EXIST	EXIST
B172	3'-0" 3'-10 1/2" 7'-0" 2" C	HM-1 PAINT S02	EXIST	EXIST
B173	3'-0" 3'-10 1/2" 7'-0" 2" A	HM-1 PAINT S03	EXIST	EXIST
B174	3'-0" 3'-10 1/2" 7'-0" 2" A	HM-1 PAINT S03	EXIST	EXIST
B175	3'-0" 3'-10 1/2" 7'-0" 2" A	HM-1 PAINT S03	EXIST	EXIST

**GENERAL NOTES:**

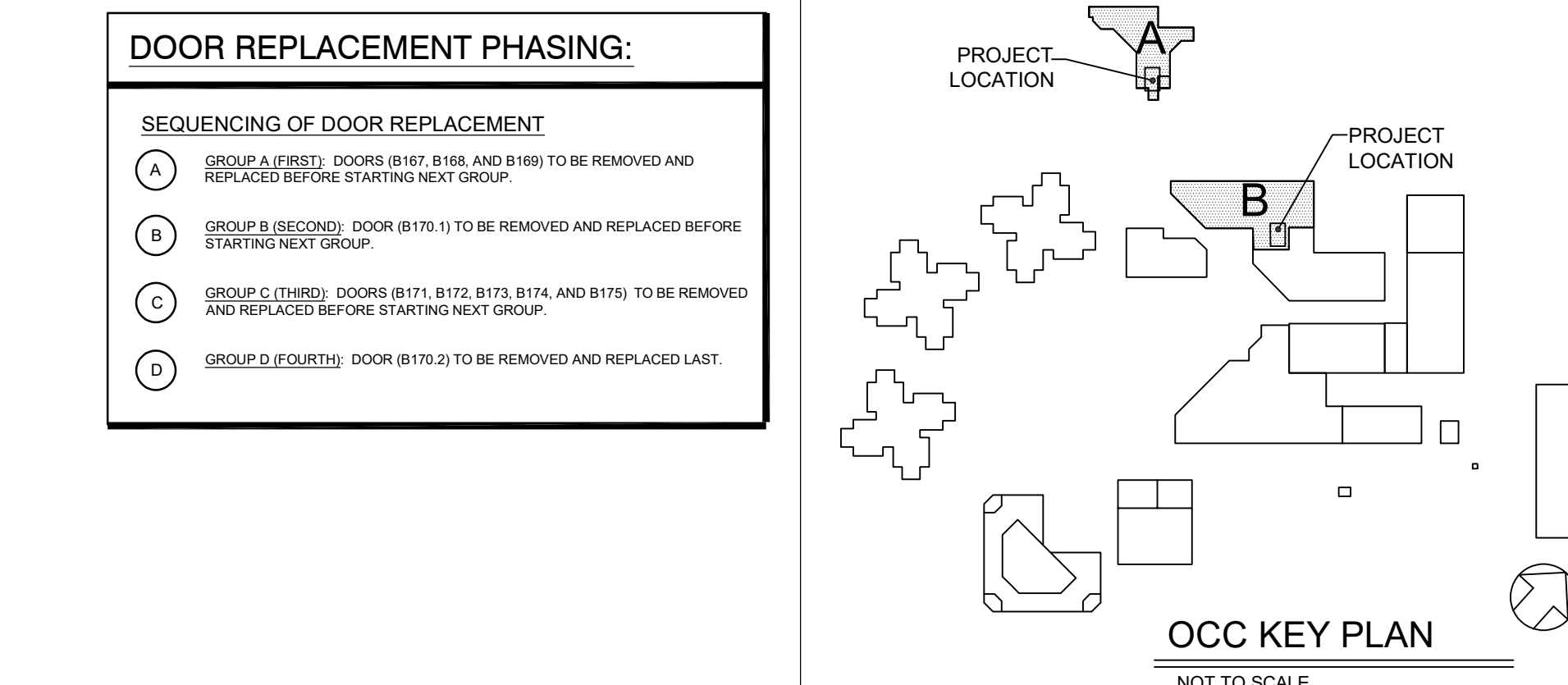
- SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS FOR HOLLOW METAL DETENTION DOOR (DB463) AND DETENTION DOOR HARDWARE (DB710).
- SEE SPECIFICATION (DB863) FOR GLASS TYPE NUMBERS (S02 & S03).
- SEE SPECIFICATION (DB710) FOR DOOR HARDWARE NUMBERS (SHS, SHSA & SHSB).
- FIELD VERIFY ALL DOOR OPENING SIZES PRIOR TO SHOP DRAWINGS BEING SUBMITTED.

**REMARKS:**

- INCLUDES THE REMOVAL OF EXISTING DETENTION DOORS, INCLUDING DOOR HARDWARE AND HOUSING STRUCTURE, AND THE INSTALLATION OF NEW DETENTION DOORS, INCLUDING DOOR HARDWARE AND HOUSING STRUCTURE, AND CONNECTION TO THE EXISTING DOOR CONTROL SYSTEM.
- ALL NEW DOORS SHALL HAVE MANUAL OVER-RIDE FEATURE AS PART OF THE INDIVIDUAL DOOR. NO GROUP OVER-RIDES WILL BE ALLOWED.
- CELL DOORS TO HAVE ANTI-FISHING PLATE ONLY.

**DOOR TYPE SCHEDULE**

SWINGING DOOR TYPES	TYPE	CONSTRUCTION	THICKNESS	FACE MATERIAL	FIRE RATINGS	FINISH	SPECIAL REQTS	SPEC. SECT
HM-1	DETENTION HOLLOW METAL SLIDING DOOR	2"	12 GAUGE STEEL	---	---	---	---	DB463 & DB710



**OCC KEY PLAN**  
NOT TO SCALE

**davis design**

Lincoln 1221 N Street, Suite 600  
Lincoln, NE 68508

Norfolk 130 South 5th Street  
Norfolk, NE 68701

Vermillion 15 East Main, Suite 201  
Vermillion, SD 57059

This document was originally signed and sealed by:  
**GREGORY T. SMITH**  
A-2038  
ON 02-16-2024  
DATE OF EXPIRATION: 02-16-2026  
This media should not be considered a certified document.

**CLIENT INFORMATION**

Nebraska Department of Correctional Services  
2323 Avenue J  
Omaha, NE 68110

**PROJECT INFORMATION**

Detention Door Upgrades  
Buildings A and B

**Job #** 23-0102  
**ISSUE DATE** 02-16-2024  
**Revisions:**  
1 - 02/26/24 Description Addendum 1

**CHECKED:** JPS  
**AUTHOR:** EAS  
**DATE:** 02/16/24  
**SHEET TITLE** Buildings A & B Plans, Elevations, and Details  
**SHEET NUMBER** A-101