SECTION 00 90 01

BIDDING AND CONTRACT REQUIREMENTS
ADDENDUM NUMBER 1

Date: February 24, 2025

Distributed via:
City Blue Planroom

To: **Prospective Bidders**

From: Legat Architects, Inc.
1515 5th Avenue, Suite 108
Moline, IL 61265
309 517-5536
www.legat.com

Architect's Project Number:
225017.00

Re: **Addendum Number 2 to the bidding documents for:**
Moline – Coal Valley School District #40
John Deere & Wilson Middle School's 2025 Controlled Entries

This addendum forms a part of the bidding and contract documents and modifies the original bidding documents dated February 10, 2025. Acknowledge receipt of this addendum in the space provided on Bid Form. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.

I. PART 1 - ADDENDUM TO THE PROJECT MANUAL

A. Document 00 41 00.
   1. REPLACE section 00 41 00 BID FORM in its entirety with attached.
B. Document 01 21 00.
   1. ADD section 01 22 00 in its entirety with attached.
C. Document 08 71 00
   1. REPLACE section 08 71 00 DOOR HARDWARE in its entirety.

II. PART 2 - ADDENDUM TO THE DRAWINGS

A. Drawing AJ-101, titled, VESTIBULE PLANS AND DETAILS – JOHN DEERE
   1. REVISED Door frame dimensions on doors 100, 100A, 100B, and 100C.

III. PART 3 - CLARIFICATIONS

A. Bidding Questions and Responses
   1. See attached spreadsheet with question and response list.
B. John Deere Middle School – Door Hardware sets have been updated.
C. John Deere Middle School – Door face frame dimensions at jambs shall be 1" to allow for greater door opening width for ADA compliance.

END OF SECTION

This addendum consists of 1 page.

This addendum has 24 attached pages identified below:

- Bidding Questions – Updated (1 page)
- Specification Sections:
  - 00 41 00 **–** BID FORM (4 pages)
  - 01 21 00 – ALLOWANCES (1 page)
  - 08 71 00 – DOOR HARDWARE (17 pages)
- Drawings:
  - AJ-101 (1 page)

Bidding Questions

LEGAT ARCHITECTS
DESIGN | PERFORMANCE | SUSTAINABILITY

OWNER Moline-Coal Valley School District #40
PROJECT TITLE **2025 Controlled Entries**
PROJECT NUMBER 225017.00
LAST UPADTED 2/24/2025

DATE	CONTRACTOR	PRE-RFI NUMBER	QUESTION	RESPONSE
2/14/2025	Estes		CBT is charging for digital downloads of bid documents, specification states there is no charge. Clarify	CBT should be billing fees for digital downloads of bid documents to Legat, owner will reimburse Legat.
2/14/2025	Allegion		Current rough opening sizes at John Deere MS do not allow for ADA compliant double door widths. Suggested to provide an offset mullion at designated ADA double door to allow for an active door width of 36" and an inactive door width of 32".	Design team is investigating options to comply with ADA while keeping with the Owner's design intent. Revised door hardware will be issued as part of Addendum #2.
2/17/2025	Estes		Garaventa wheelchair lift is specified as basis of design, Garaventa is not union. Will this F&I (furnish and install) be waived from the IMPACT Agreement?	After discussions with ILLOWA coucil, it is likely that specialty equipment such as a platform lift or elevator will be waived from the IMPACT agreement for this project.
2/19/2025	Estes		Will new floor covereings be required for the projects?	Yes, walk-off tile carpeting will be installed in vestibules at both John Deere and Wilson middle schools.
2/19/2025	Estes		Will pictures of the deteriorating floor joists at Wilson Middle School be provided for reference?	Yes, reference pictures of the deteriorating floor joists at Wilson Middle School will be provided as part of Addendum #1.
2/20/2025	Estes		Clarify the extend of exsitng sidewalk removal at Wilson Middle School	Architectural plan was revised to match Civil plans.
2/20/2025	Estes		Wilson Landscaping - Will contractor be responsible for removal of existing bushes in order to excavate along foundation wall to inspect and repair existing water barrier, and will landscaping need to be replaced.	School district will remove the existing bushes and landscaping prior to start of project. Contractor will only need to backfill foundation and provide finish grading of soil to create positive drainage away from the building.
2/20/2025	Estes		John Deere Middle School - Basement wall detail shows drain tile on outside of the foundation wall/footing. Is this drain tile new or existing?	Some of the existing drawings show a drain tile around the perimeter of the foundation and some don's show one. We are assuming there is a drain tile that will need to be replaced with the foundation wall work and tied into the existing drain tile system.
2/20/2025	Estes		John Deere Middle School - Vestibule slab - what is the required depth and reinforcing requirements for the slab?	According to the structural engineer, the vestibule slab and entry way slab shall be a 6" slab with #4 rebar at 5 1/2" O.C. Detail 3/SJ-300 shows a new to existing slab connection detail.
2/20/2025	Estes		John Deere Middle School - Alternate-how should the walls for the security office be finished?	Walls for the alternate security office shall be finished to match existing adjacent wall conditions.
2/20/2025	Estes		John Deere Middle School - Hollow metal frames - should they be fully grouted?	Exterior hollow metal door frames shall be fully grouted or spray foamed solid. -Refer to detail 9/AJ-101.
2/20/2025	Estes		John Deere Middle School - What is the elevation of the mechanical duct entering Security Office 106?	Mechanical duct entering Security Office 106 has been removed from the project via Addendum #1.
2/23/2025	Valley		Can you please clarify the allowances noted on the Bid Form?	Section 01 21 00 ALLOWANCES will be added to the project as part of Addendum #2.

SECTION 00 41 00
BID FORM

THE PROJECT AND THE PARTIES

2.01 FROM:

_____

Firm Name of Bidder

2.02 TO:

MOLINE-COAL VALLEY SCHOOL DISTRICT NO. 40; 1900 52ND AVENUE, MOLINE, IL 61265, ATTN: VINCE GALLO

2.03 BID:

A. **Base Bid:** We as contractor having familiarized ourselves with local conditions affecting the work and with the proposed Contact Documents on file at the office of the Owner, hereby propose to perform everything required to be performed and to provide all of the labor, materials, necessary equipment and all utilities and transportation and services necessary to perform and complete in a workmanlike manner all work required to complete the proposed work indicated in the bidding documents for the construction of the John Deere Middle School and Wilson Middle School Controlled Entry projects, all in accordance with the Drawings and Specifications prepared by the office of Legat Architects, Inc. including the following Addenda Numbers _____, _____, and _____.

B. The Owner intends to award the construction contract for any of the Bid A, Bid B or Bid C options with no importance placed on either bid option. The Owner reserves the right to select a bid option that is higher than another and/or award the construction contract to multiple contractors. The contractor may bid Bid A, Bid B, Bid C, or all to receive consideration.

C. Bid A, Bid B, and Bid C consist of all Work specified by the proposed Contract Documents.

D. Bid A for vestibule work at John Deere Middle School to provide new entrance doors, replace existing entry doors, provide accessible concrete ramp, replace existing concrete stairs and paving area leading up to new vestibule. Also, included is a new wheelchair lift, upgraded lighting, additional HVAC heating units, and replacement of the Band Room door on the West side of the building.

_____Dollars

($ _____)

E. Bid B for basement wall work at John Deere Middle School to replace and repair damaged concrete structure/wall as well as the in-sidewalk access doors above the basement as identified on the documents.

_____Dollars

($ _____)

F. Bid C for vestibule work at Wilson Middle School to provide a new entry vestibule.

_____Dollars

($ _____)

G. **Prevailing Wage Act:** The undersigned hereby states if awarded the Contract, the Bidder agrees to comply with the Illinois Prevailing Wage Act 820 ILCS Section 130/.0.01 including, but not limited to, the submission of Certified Transcripts of Payroll for all workers on a monthly basis to the Illinois Department of Labor and copied to the Owner. The Bidder further acknowledges that release of progress payments may be withheld if complete Certified Transcripts of Payroll are not submitted with applications for payment.

H. **IMPACT Agreement:** This project will be bid and constructed under the terms of the IMPACT Construction Agreement. For answers about the IMPACT Agreement, please contact Illowa at 563-940-6094.

I. **Allowances:** The undersigned hereby states allowances specified in Document 01 21 00 - Allowances, and confirmed here in writing, are included in the Base Bid amount identified above.

J. **Alternate Bids:** The undersigned hereby states the net amount of increase or decrease to the Lump Sum Base Bid for the following Alternates as described in Section 01 23 00.

1. ALTERNATE NO. 1 Bid A: John Deere Middle School Security Office in Vestibule. Add a small Security Office inside the vestibule between existing door openings. Office walls shall only extend up to 8'-0" above floor and remain separated from existing ceiling. See notes and details on drawing AJ-101.
   a. John Deere Middle School – ADD to the Lump Sum
      $_____.
2. ALTERNATE NO. 2 Bid B: Wilson Middle School Security Office in Vestibule. Add a small Security Office attached to the new vestibule on the interior north side of the vestibule. Security office shall be constructed of aluminum-framed storefront to match adjacent vestibule. See notes and details on drawing AW-101.
   a. Wilson Middle School – ADD to the Lump Sum
      $_____.
3. ALTERNATE NO. 3 Bid B: Wilson Middle School Existing Lobby Floor Joists Temporary Shoring: See notes and details on drawing SW-100 Foundation and Framing Plan including installing temporary shoring of the floor joists in the crawlspace below the existing main entry/lobby.
   a. Wilson Middle School – ADD to the Lump Sum
      $_____.
4. ALTERNATE NO. 4 Bid B: Wilson Middle School Existing Lobby Floor Joists Replacement. See notes and details on drawing SW-100 Foundation and Framing Plan including removal a portion of existing lobby floor slab as designated on the drawings for access to the existing floor joists for installation of shoring and partial floor joists replacement.
   a. Wilson Middle School – ADD to the Lump Sum
      $_____.

K. **Bid Security:** Accompanying this proposal is a Bid Security made payable to the Board of Education, Moline-Coal Valley School District No. 40 which is agreed will be forfeited to the aforementioned as liquidated damages if the undersigned fails to execute the standard form of Owner/Contractor Agreement (AIA Document A101, 2017 Edition, as modified), which is included herein for reference, and furnish evidence of their ability to become bonded and provide insurance coverage, as specified, within fifteen (15) business days after receipt of the Agreement by the undersigned.

L. **Certification of Compliance:** In signing and submitting this Bid, the Bidder certifies that all materials and construction to be provided are as indicated in the proposed Contract Documents.

M. **Time of Completion:** The undersigned hereby states if awarded the Contract, the Bidder agrees to complete all work in accordance with the contract documents and achieve Substantial Completion as follows:
1. Start Date: Monday June 2, 2025
2. Substantial Completion: Friday August 1, 2025

3. Final Completion: Friday August 8, 2025

N. On the lines below, provide five (5) references from past projects of comparable size and scope to this project. Include the following information for each: Client name, address, brief project description and contact information.

1. _____
2. _____
3. _____
4. _____
5. _____

2.04 BIDDER

A. _____
Firm Name

B. _____
Firm Official Address (Street Address)

C. _____
Firm Official Address (City, State, Zip Code)

D. _____
Firm Telephone Number

E. _____
Firm Website

F. _____
Name of Bidder (Printed Name of Authorized Agent of Contractor)

G. _____
Signature of Bidder (Signed Name of Authorized Agent of Contractor)

H. _____
Email Address of Bidder

I. Where the Bidder is a corporation, add Attest:

1. _____
(Secretary Signature and Date)

J. CERTIFIED OR CASHIERS CHECK, BID BOND, OR BANK DRAFT ENCLOSED IN THE FOLLOWING AMOUNT: $_____.

END OF SECTION 00 41 00

SECTION 01 21 00
ALLOWANCES

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Contingency allowance.

1.02 RELATED REQUIREMENTS

A. Section 01 20 00 - Price and Payment Procedures: Additional payment and modification procedures.

1.03 CONTINGENCY ALLOWANCE

A. Description: Allowance dollars to be used for unforseen Work related to the Work identified in the Contract Documents.

B. Scope of work to be determined in th field based on actual field conditions.

C. Contractor will provide a negotiated price for the determined scope of work.

D. Contractor's costs shall include products, materials, delivery, equipment rental, installation, labor, and payroll.

E. Contractor's costs shall exclude overhead, profit, insurance, and bonds which shall be included in the Base Bid and not in Allowance Authorizstion Request's (AARs).

F. Funds will be drawn from the Contingency Allowance only by approved Allowance Authorization Requests (AARs).

G. At closeout of Contract, funds remaining in Contingency Allowance will be credited to Owner by Change Order.

1.04 ALLOWANCES SCHEDULE

A. John Deere Middle School Basement Wall Project Contingency Allowance: Include the stipulated sum/price of $25,000.00 for use upon Owner's instructions.

B. John Deere Middle School Vestibule Project Contingency Allowance: Include the stipulated sum/price of $25,000 for use upon Owner's instructions.

C. Wilson Middle School Vestibule Project Contingency Allowance: Include the stipulated sum/price of $25,000 for use upon Owner's instr

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

SECTION 08 71 00
DOOR HARDWARE

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Hardware for hollow metal doors.

B. Thresholds.

C. Weatherstripping, seals and door gaskets.

1.02 RELATED REQUIREMENTS

A. Section 08 11 13 - Hollow Metal Doors and Frames.

1.03 REFERENCE STANDARDS

A. ADA Standards - 2010 ADA Standards for Accessible Design; 2010.

B. BHMA A156.1 - Standard for Butts and Hinges; 2021.

C. BHMA A156.2 - Bored and Preassembled Locks and Latches; 2022.

D. BHMA A156.3 - Exit Devices; 2020.

E. BHMA A156.4 - Door Closers and Pivots; 2024.

F. BHMA A156.5 - Cylinders and Input Devices for Locks; 2020.

G. BHMA A156.6 - Standard for Architectural Door Trim; 2021.

H. BHMA A156.8 - Door Controls - Overhead Stops and Holders; 2021.

I. BHMA A156.16 - Standard for Auxiliary Hardware; 2023.

J. BHMA A156.18 - Standard for Materials and Finishes; 2020.

K. BHMA A156.21 - Thresholds; 2019.

L. BHMA A156.22 - Standard for Gasketing; 2021.

M. BHMA A156.31 - Electric Strikes and Frame Mounted Actuators; 2024.

N. BHMA A156.115 - Hardware Preparation in Steel Doors and Frames; 2016.

O. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2017.

P. NFPA 80 - Standard for Fire Doors and Other Opening Protectives; 2025.

Q. NFPA 101 - Life Safety Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.

R. UL (DIR) - Online Certifications Directory; Current Edition.

S. DHI (LOCS) - Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames; 2004.

1.04 ADMINISTRATIVE REQUIREMENTS

A. Coordinate the manufacturer, fabrication, and installation of products that door hardware will be installed upon.

B. Furnish templates for door and frame preparation to manufacturers and fabricators of products requiring internal reinforcement for door hardware.

C. Convey Owner's keying requirements to manufacturers.

D. Preinstallation Meeting: Convene a preinstallation meeting one week prior to commencing work of this section; require attendance by all affected installers.

1.05 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.

B. Product Data: Manufacturer's catalog literature for each type of hardware, marked to clearly show products to be furnished for this project.

C. Hardware Schedule: Detailed listing of each item of hardware to be installed on each door. Use door numbering scheme as included in the Contract Documents. Identify electrically operated items and include power requirements.

D. Keying Schedule: Submit for approval of Owner.

E. Manufacturer's Installation Instructions: Indicate special procedures, perimeter conditions requiring special attention.

F. Maintenance Data: Include data on operating hardware, lubrication requirements, and inspection procedures related to preventative maintenance.
   1. Submit manufacturer's parts lists and templates.

G. Keys: Deliver with identifying tags to Owner by security shipment direct from hardware supplier.

H. Warranty: Submit manufacturer's warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

I. Project Record Documents: Record actual locations of concealed equipment, services, and conduit.

J. Maintenance Materials and Tools: Furnish the following for Owner's use in maintenance of project.
   1. See Section 01 60 00 - Product Requirements, for additional provisions.

1.06 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.

B. Hardware Supplier Qualifications: Company specializing in supplying the type of products specified in this section with at least three years documented experience.

C. Hardware Supplier Personnel: Employ an Architectural Hardware Consultant (AHC) to assist in the work of this section.

1.07 DELIVERY, STORAGE, AND HANDLING

A. Package hardware items individually; label and identify each package with door opening code to match hardware schedule.

1.08 WARRANTY

A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Allegion Brands, Ives, LCN, Von Duprin: www.allegion.com/us.

B. Assa Abloy Brands, Pemko, Securitron

C. Best Access Systems, division of DormaKaba: www.bestaccess.com.

D. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 DOOR HARDWARE - GENERAL

A. Provide hardware specified or required to make doors fully functional, compliant with applicable codes, and secure to the extent indicated.

B. Provide items of a single type of the same model by the same manufacturer.

C. Provide products that comply with the following:
   1. Applicable provisions of federal, state, and local codes.
   2. Accessibility: ADA Standards and ICC A117.1.
   3. Applicable provisions of NFPA 101, Life Safety Code.
   4. Hardware on Fire-Rated Doors, Except Hinges: Listed and classified by UL (DIR) as suitable for the purpose specified and indicated.
   5. Auxiliary Hardware: BHMA A156.16.
   6. Hardware Preparation for Steel Doors and Steel Frames: BHMA A156.115.

D. Function: Lock and latch function numbers and descriptions of manufactures series as listed in hardware schedule.

E. Finishes: Provide door hardware of the same finish unless otherwise indicated.
   1. Primary Finish: Satin chrome plated over nickel on brass or bronze, 626 (approx US26D).
   2. Secondary Finish: Satin chrome plated over nickel on brass or bronze, 626 (approx US26D).
      a. Use secondary finish in kitchens, bathrooms, and other spaces containing chrome or stainless steel finished appliances, fittings, and equipment; provide primary finish on one side of door and secondary finish on other side if necessary.
   3. Finish Definitions: BHMA A156.18.
   4. Exceptions:
      a. Where base metal is specified to be different, provide finish that is an appearance equivalent according to BHMA A156.18.
      b. Hinges for Fire-Rated Doors: Steel base metal with painted finish.

F. Fasteners:
   1. Concrete and Masonry Substrates: Stainless steel machine screws and lead expansion shields.

2.03 LOCKS AND LATCHES

A. Locks: Provide a lock for every door, unless specifically indicated as not requiring locking.
   1. If no hardware set is indicated for a swinging door provide an office lockset.
   2. Trim: Provide lever handle or pull trim on outside of all locks unless specifically stated to have no outside trim.
   3. Lock Cylinders: Provide key access on outside of all locks unless specifically stated to have no locking or no outside trim.
   4. In door sections, where a lock cylinder referenced to this Section is specified, furnish and install a mortise lock cylinder keyed to the building keying system.

B. Latches: Provide a latch for every door that is not required to lock, unless specifically indicated "push/pull" or "not required to latch".

2.04 HINGES

A. Hinges: Provide hinges on every swinging door.
   1. Provide five-knuckle full mortise butt hinges unless otherwise indicated.
   2. Provide ball-bearing hinges at all doors having closers.
   3. Provide hinges in the quantities indicated.
   4. Provide non-removable pins on exterior outswinging doors.

5. Where electrified hardware is mounted in door leaf, provide power transfer hinges.

B. Quantity of Hinges Per Door:
   1. Doors up to 60 inches High: Two hinges.
   2. Doors From 60 inches High up to 90 inches High: Three hinges.
   3. Doors 90 inches High up to 120 inches High: Four hinges.

C. Continuous Hinges:
   1. Aluminum geared hinges are certified to ANSI/BHMA 156.26, Grade 1
   2. Aluminum geared hinges are tested and approved UL 10C
   3. 6063-T6 Aluminum
   4. Rounded gear design for extended life and smoother operation
   5. Center loaded, interlocking bearing design which helps handle the opening and closing of the door better over time (all sizes have 37 bearings)
   6. Mounting slot adjustability on all full and half surface models to help with installation
   7. Curved, articulating cover design eliminating pinch points
   8. Prepped for power transfers where indicated

D. Manufacturers
   1. Allegion - Ives 112XY
   2. Allegion - Ives 5BB1
   3. Allegion - Ives 5BB1 TW at Electrified Hinges

2.05 PUSH/PULLS

A. Push/Pulls: Comply with BHMA A156.6.
   1. Provide push and pull on doors not specified to have lockset, latchset, exit device, or auxiliary lock.
   2. On solid doors, provide matching push plate and pull plate on opposite faces.

B. Manufacturers
   1. Ives, An Allegion Company

2.06 MORTISE LOCKSETS

A. Locksets shall be tested and approved by BHMA for ANSI A156.13, Series 1000, Operational Grade 1, Extra-Heavy Duty, Security Grade 2 and be UL10C
   1. Locksets shall be mortise type with solid 3/4 inch throw one-piece radiused latchbolt made of self-lubricating stainless steel. Deadbolt functions shall be one inch projection stainless steel construction. Both deadbolt and latchbolt to extend into lock case with reinforcing a minimum of 3/8 inch when fully extended.
   2. Levers to be 15R design.
   3. Furnish locksets and latchsets with sufficient strike lip to protect door trim.
   4. Provide locksets with 7 pin [BEST] interchangeable core cylinders.
   5. Locksets must fit ANSI A115.1 door preparation
   6. Locksets and latchsets to have self-aligning through-bolted trim
   7. Locksets and latchsets must have the ability to change handing without opening case
   8. Auxiliary latch to be made of one-piece self-lubricating stainless steel
   9. Lever handles must be of forged or cast brass, bronze or stainless steel construction and conform to ANSI A117.1.

B. Manufacturers
   1. Dormakaba - Best Access 45H Series

2.07 CYLINDERS

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

B. Manufactuers

1. Dormakaba – Best Keying Systems

2.08 KEYING

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

B. Construction Keying:

1. Replaceable Construction Cores.
    a. Provide temporary construction cores replaceable by permanent cores, furnished in accordance with the following requirements.
    b. 3 construction control keys
    c. 12 construction change (day) keys
    d. Owner or Owner's Representative will replace temporary construction cores with permanent cores.
2. Permanent Keying:
    a. Provide permanent cylinders/cores keyed by the manufacturer according to the following key system.
    b. Master Keying system as directed by the Owner.
    c. Forward bitting list and keys separately from cylinders, by means as directed by Owner. Failure to comply with forwarding requirements will be cause for replacement of cylinders/cores involved at no additional cost to Owner.
    d. Provide keys with the following features: Material: Nickel silver; minimum thickness of .107-inch (2.3mm), Patent Protection: Keys and blanks protected by one or more utility patent(s)
    e. Mark permanent cylinders/cores and keys with applicable blind code for identification. Do not provide blind code marks with actual key cuts.
    f. Identification stamping provisions must be approved by the Architect and Owner.
    g. Stamp cylinders/cores and keys with Owner's unique key system facility code as established by the manufacturer; key symbol and embossed or stamped with "DO NOT DUPLICATE" along with the "PATENTED" or patent number to enforce the patent protection.
    h. Failure to comply with stamping requirements will be cause for replacement of keys involved at no additional cost to Owner.
    i. Forward permanent cylinders/cores to Owner, separately from keys, by means as directed by Owner
    j. Furnish Change (Day) Keys: 3 per cylinder/core
    k. Furnish Permanent Control Keys: 3
    l. Master Keys: 6.

2.09 EXIT DEVICES

A. Exit Devices shall be tested to ANSI/BHMA A156.3 Grade 1 certified and UL listed for Panic Exit or Fire Exit Hardware.

1. 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.
2. Touchpad must extend a minimum of one half of door width. No plastic inserts are allowed in touchpads.
3. Provide exit devices with deadlatching feature for security and for future addition of alarm kits and/or other electrified requirements.
4. Provide exit devices with weather resistant components that can withstand harsh conditions of various climates and corrosive cleaners used in outdoor pool environments.
5. Provide flush end caps for exit devices.
6. Provide exit devices with manufacturer's approved strikes.
7. 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.
8. 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.
9. Provide cylinder or hex-key dogging as specified at non fire-rated openings.
10. 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.
11. Provide factory drilled weep holes for exit devices used in full exterior application, highly corrosive areas, and where noted in hardware sets.
12. Provide electrified options as scheduled.
13. 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.
14. Provide exit devices with optional trim designs to match other lever and pull designs used on the project.

B. Manufacturers:

1. Allegion - Von Duprin – 98/35 Series

2.10 CLOSERS

A. Closers: ANSI/BHMA A156.4 Grade 1 rated, UL10C
   1. Cast iron cylinder
   2. Single-piece, heat-treated forged steel arms
   3. Heat-treated 1 1/2" diameter piston
   4. Double heat-treated steel pinion 11/16" journal diameter
   5. Full complement bearings with minimum 0.5" height
   6. All-weather Liquid X fluid
   7. Non pressure relief valve design
   8. Snap-on cover
   9. Powder coat finish
   10. 30-year warranty
   11. Independent speed adjustments
   12. Provide surface-mounted, door-mounted closers unless otherwise indicated.
   13. At corridors, locate door-mounted closer on room side of door.
   14. At exterior doors, mount closer in inside of door.

B. Manufacturers
   1. Allegion - LCN 4040XP Series

2.11 AUTOMATIC DOOR OPERATORS

A. Grade 1 - ANSI A156.19, UL325/228, UL1998, ADA, 100 Hour Salt Spray
   1. Cycle test standard of 300,000 full load operating cycles
   2. Power opening plus full door control.
   3. Open to back check no faster than 3 seconds.
   4. Opening time to fully open is no faster than 4 seconds.
   5. Remain fully open for at least 5 seconds.
   6. Closing time from 90° to 10° is no faster than 3 seconds.
   7. Less than 15 lb to stop doors motion.
   8. Kinetic energy must not exceed 1.25 lb-ft.
   9. In event of failure, less than 15 lb to release latch, less than 30 lb to put door in motion, less than 15 lb to fully open door system
   10. All Weather Fluid
   11. Warranty 2 years
   12. Powder coat finish

B. Manufacturers
   1. Allegion - LCN Senior Swing – 9500 Series

2.12 POWER SUPPLIES

A. Provide power supplies approved by manufacturer of supplied electrified hardware.
   1. Provide appropriate quantity of power supplies necessary for proper operation of electrified locking components as recommended by manufacturer of electrified locking components with consideration for each electrified component using power supply, location of power supply, and approved wiring diagrams. Locate power supplies as directed by the Architect.
   2. Provide regulated and filtered 24VDC power supply, UL class 2 listed.
   3. 12/24 VDC Output, field selectable.
   4. Class 2 Rated power limited output
   5. Universal 120-240VAC input.
   6. Low voltage DC, regulated and filtered.
   7. Polarized connector for distribution boards.
   8. Fused primary input.
   9. AC input and DC output monitoring circuit w/ LED indicators.
   10. Cover mounted AC input indication.
   11. Tested and certified to meet UL294.
   12. NEMA 1 enclosure.
   13. Hinged cover with lock down screws.
   14. High voltage protective cover.

B. Maunfacturers
   1. Allegion – Von Duprin PS900 Series

2.13 ELECTRIC POWER TRANSFER

A. Provide power transfer with electrified options as scheduled in the hardware sets. Provide with number and gage of wires enough to accommodate electric function of specified hardware.
   1. Locate electric power transfer per manufacturer's template and UL requirements, unless interference with operation of door or other hardware items.

B. Manufactuers
   1. Allegion – Von Duprin EPT-10

2.14 DOOR POSITION SWITCHES

A. Provide recessed or surface mounted type door position switches as specified.
   1. Coordinate door and frame preparations with door and frame suppliers. If switches are being used with magnetic locking device, provide minimum of 4 inches between switch and magnetic locking device.

B. Maufactuers
   1. Securitron – An ASSA Abloy Company

2.15 GASKETING AND THRESHOLDS

A. Gaskets: Complying with BHMA A156.22.
   1. On each exterior door, provide weatherstripping gaskets, unless otherwise indicated; top, sides, and meeting stiles of pairs.
   2. On each exterior door, provide door bottom sweep, unless otherwise indicated.

B. Thresholds: Complying with BHMA A156.21.
   1. At each exterior door, provide a threshold unless otherwise indicated.
   2. Field cut threshold to frame for tight fit.

C. Fasteners At Exterior Locations: Non-corroding.

D. Manufactuers
   1. Pemko, An ASSA Abloy Company

2.10 PROTECTION PLATES AND ARCHITECTURAL TRIM

A. Protection Plates:
   1. Kickplate: Provide on push side of every door with closer, except aluminum storefront and glass entry doors.

B. Manufactuers
   1. Ives, an Allegion Company

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that doors and frames are ready to receive work; labeled, fire-rated doors and frames are present and properly installed, and dimensions are as indicated on shop drawings.

B. Verify that electric power is available to power operated devices and of the correct characteristics.

3.02 INSTALLATION

A. Install hardware in accordance with manufacturer's instructions and applicable codes.

B. Use templates provided by hardware item manufacturer.

C. Do not install surface mounted items until finishes applied to substrate are complete.

D. Install hardware on fire-rated doors and frames in accordance with code and NFPA 80.

E. Mounting heights for hardware from finished floor to center line of hardware item.
   1. For steel doors and frames: Comply with DHI (LOCS) "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames".
   2. For Steel Doors and Frames: Refer to Section 08 11 13.

F. Set exterior door thresholds with full-width bead of elastomeric sealant on each point of contact with floor providing a continuous weather seal; anchor thresholds with stainless steel countersunk screws.

3.03 ADJUSTING

A. Adjust work under provisions of Section 01 70 00 - Execution and Closeout Requirements.

B. Adjust hardware for smooth operation.

3.04 CLEANING

A. Clean adjacent surfaces soiled by hardware installation. Clean finished hardware per manufacturer's instructions after final adjustments has been made. Replace items that cannot be cleaned to manufacturer's level of finish quality at no additional cost.

3.05 PROTECTION

A. Protect finished Work under provisions of Section 01 70 00 - Execution and Closeout Requirements.

B. Do not permit adjacent work to damage hardware or finish.

Hardware Set 01

Doors: 001

Each to receive:

2	EA	Hinge, Full Mortise, Hvy Wt	5BB1HW 4-1/2" x 4-1/2" 630 NRP	IV
1	EA	Hinge, Full Mortise, Hvy Wt	5BB1HW 4-1/2" x 4-1/2" 630 Middle Hinge TW4	IV
1	EA	Rim Exit Device	.RX .LD 98.EO .630 .4'	VO
1	EA	Surface Closer	4040XP .SHCUSH .689	LC
1	EA	Kick Plate	8400 B-CS 10" x 46" US32D	IV
1	EA	Threshold	171A x 48"	PE
1	EA	Gasketing	2891APK x 48" x 84"	PE
1	EA	Rain Guard	346C x 52"	PE
1	EA	Sweep	315CN x 48"	PE
1	EA	Position Switch	DPS-M-BK	SU

Door normally closed, latched, and secure. Exit Only. Free Egress is allowed. Door is monitored.

NOTE: Contractor and Hardware Supplier to confirm function of this opening with owner PRIOR to ordering material.

Hardware Set 02

Doors: 100

Each to receive:

2	EA	Continuous Hinge	112XY 83" 628	IV
1	EA	Kit	MT54 .689	VO
1	EA	Stabilizer	154 .689	VO
1	EA	Mullion	KR4954 7'6 .689 Cut to height of opening .Blank	VO
1	EA	Rim Exit Device	98.EO .630 2'11" LHR Leaf	VO
1	EA	Rim Exit Device	98.NLOP .630 2'11" RHR leaf .110MD-NL	VO
1	EA	Mortise Cylinder	1E-74 C4 RP2 626 Patented	BE
1	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	BE
2	EA	Electric Strike	6300 .630 CON	VO
2	EA	Door Pull	8190HD-0 630	IV
1	EA	Surface Closer	4040XP .SHCUSH .689 LHR Leaf	LC
1	EA	Automatic Opener	9542 .REGARM .628 RHR Leaf	LC
2	EA	Kick Plate	8400 B-CS 10" x 33" US32D	IV
1	EA	Threshold	171A x 70"	PE
1	EA	Gasketing	5110BL 120" Mull Gasket Cut to Length	PE
1	EA	Gasketing	2891APK x 70" x 84"	PE
2	EA	Sweep	315CN x 35"	PE
1	EA	Exit Sensor	Scanll-B	SH
2	EA	Wire Harness	CON-50	VO
2	EA	Wire Harness	CON-192P	VO
2	EA	Position Switch	DPS-M-BK	SU
1	EA	Actuator	8310-3853TWB	LC
1	EA	Post	8310-866 .689	LC
1	EA	Receiver	8310-865	LC
1	EA	Actuator	8310-3855WS	LC
1	EA	Power Supply	PS906 .900-4RL-FA	VO

Door normally closed, latched, and secure. Entry by valid credential or access control system schedule activating electric strikes and exterior actuator. Free egress is allowed. Mount power supply and dual vestibule switch in location as directed by the architect. Credentials, card readers, and access control system are not by this section.

Hardware Set 03

Doors: 100A

Each to receive:

2	EA	Continuous Hinge	112XY 83" 628	IV
1	EA	Kit	MT54 .689	VO
1	EA	Stabilizer	154 .689	VO
1	EA	Mullion	KR4954 7'6 .689 Cut to height of opening .Blank	VO
1	EA	Rim Exit Device	98.EO .630 2'11" LHR Leaf	VO
1	EA	Rim Exit Device	98.EO .630 2'11" RHR leaf	VO
1	EA	Mortise Cylinder	1E-74 C4 RP2 626 Patented	BE
2	EA	Electric Strike	6300 .630 CON	VO
2	EA	Door Pull	8190HD-0 630	IV
2	EA	Surface Closer	4040XP .SHCUSH .689	LC
2	EA	Kick Plate	8400 B-CS 10" x 33" US32D	IV
1	EA	Threshold	171A x 70"	PE
1	EA	Gasketing	5110BL 120" Mull Gasket Cut to Length	PE
1	EA	Gasketing	2891APK x 70" x 84"	PE
2	EA	Sweep	315CN x 35"	PE
1	EA	Exit Sensor	ScanII-B	SH
2	EA	Wire Harness	CON-50	VO
2	EA	Wire Harness	CON-192P	VO
2	EA	Position Switch	DPS-M-BK	SU

Door normally closed, latched, and secure. Entry by access control system schedule activating electric strikes. Free egress is allowed. Power supply is in set 02. Access control system is not by this section.

Hardware Set 04

Doors: 100B

Each to receive:

2	EA	Continuous Hinge	112XY 83" 628	IV
1	EA	Kit	MT54 .689	VO
1	EA	Stabilizer	154 .689	VO
1	EA	Mullion	KR4954 7'6 .689 Cut to height of opening .Blank	VO
1	EA	Rim Exit Device	98.EO .630 2'11" LHR Leaf	VO
1	EA	Rim Exit Device	98.NLOP .630 2'11" RHR leaf .110MD-NL	VO
1	EA	Mortise Cylinder	1E-74 C4 RP2 626 Patented	BE
1	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	BE
2	EA	Electric Strike	6300 .630 CON	VO
2	EA	Door Pull	8190HD-0 630	IV
1	EA	Surface Closer	4040XP .SHCUSH .689 LHR Leaf	LC
1	EA	Automatic Opener	9542 .REGARM .628 RHR Leaf	LC
2	EA	Kick Plate	8400 B-CS 10" x 33" US32D	IV
1	EA	Exit Sensor	Scanll-B	SH
2	EA	Wire Harness	CON-50	VO
2	EA	Wire Harness	CON-192P	VO
2	EA	Position Switch	DPS-M-BK	SU
1	EA	Receiver	8310-865	LC
1	EA	Actuator	8310-853TWP	LC

Door normally closed, latched, and secure. Entry by valid credential or access control system schedule activating electric strikes and exterior actuator. Free egress is allowed. Power supply is in set 02. Access control system is not by this section.

Hardware Set 05

Doors: 100C

Each to receive:

2	EA	Continuous Hinge	112XY 83" 628	IV
1	EA	Kit	MT54 .689	VO
1	EA	Stabilizer	154 .689	VO
1	EA	Mullion	KR4954 7'6 .689 Cut to height of opening .Blank	VO
1	EA	Rim Exit Device	98.EO .630 2'11" LHR Leaf	VO
1	EA	Rim Exit Device	98.EO .630 2'11" RHR leaf	VO
1	EA	Mortise Cylinder	1E-74 C4 RP2 626 Patented	BE
2	EA	Electric Strike	6300 .630 CON	VO
2	EA	Door Pull	8190HD-0 630	IV
2	EA	Surface Closer	4040XP .SHCUSH .689	LC
2	EA	Kick Plate	8400 B-CS 10" x 33" US32D	IV
1	EA	Exit Sensor	Scanll-B	SH
2	EA	Wire Harness	CON-50	VO
2	EA	Wire Harness	CON-192P	VO
2	EA	Position Switch	DPS-M-BK	SU

Door normally closed, latched, and secure. Entry by access control system schedule activating electric latch retraction. Free egress is allowed. Power supply for exit devices is in set 04. Access control system is not by this section.

Hardware Set 06

Doors: 102

Each to receive:

3	EA	Hinge, Full Mortise	5BB1 4-1/2" x 4-1/2" 652	IV
1	EA	Mortise Lock	45H7AT 15R 626 Patented	BE
1	EA	Surface Closer	4040XP .RWPA .689	LC
1	EA	Kick Plate	8400 B-CS 10" x 34" US32D	IV
1	EA	Wall Stop	WS406CVX 630	IV

Hardware Set 07

Doors: W100

Each to receive:

2	EA	Continuous Hinge	112XY 83" 628 EPT	IV
2	EA	Electric Power Transfer	EPT10 .689	VO
1	EA	Mullion	KR4954 7'6 .689 Cut to height of opening	VO
1	EA	Kit	MT54 .689	VO
1	EA	Stabilizer	154 .689	VO
1	EA	Rim Exit Device	.QEL .RX 35A.EO LHR Leaf .626 3'1"	VO
1	EA	Rim Exit Device	.QEL .RX 35A.NLOP RHR leaf .626 3'1" .388(Std)	VO
1	EA	Mortise Cylinder	1E-74 C4 RP2 626 Patented	BE
1	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	BE
2	EA	Door Pull	8190HD-0 630	IV
1	EA	Surface Closer	4040XP .SHCUSH .689 LHR Leaf	LC
1	EA	Drop Plate	4040XP-18PA .689	LC
1	EA	Shoe	4040XP-30 .689	LC
1	EA	Spacer	4040XP-61 .689	LC
1	EA	Automatic Opener	9542 .REGARM .628 RHR Leaf	LC
1	EA	Threshold	171A x 68"	PE
1	EA	Gasketing	5110BL 120" Mull Gasket Cut to Length	PE
2	EA	Sweep	315CN x 37"	PE
2	EA	Position Switch	DPS-M-BK	SU
1	EA	Actuator	8310-3853TWB	LC
1	EA	Post	8310-866 .689	LC
1	EA	Receiver	8310-865	LC
1	EA	Actuator	8310-3855WS	LC
1	EA	Power Supply	PS906 .900-4RL-FA	VO

Door normally closed, latched, and secure. Entry by valid credential or access control system schedule activating electric latch retraction and exterior actuator. Free egress is allowed. Mount power supply and dual vestibule switch in location as directed by the architect. Credentials, card readers, and access control system are not by this section.

Hardware Set 08

Doors: W100A, W100B

Each to receive:

2	EA	Continuous Hinge	112XY 83" 628 EPT	IV
2	EA	Electric Power Transfer	EPT10 .689	VO
1	EA	Mullion	KR4954 7'6 .689 Cut to height of opening	VO
1	EA	Kit	MT54 .689	VO
1	EA	Stabilizer	154 .689	VO
1	EA	Rim Exit Device	.QEL .RX 35A.EO LHR Leaf .626 3'1"	VO
1	EA	Rim Exit Device	.QEL .RX 35A.EO RHR Leaf .626 3'1"	VO
1	EA	Mortise Cylinder	1E-74 C4 RP2 626 Patented	BE
2	EA	Door Pull	8190HD-0 630	IV
2	EA	Surface Closer	4040XP .SHCUSH .689	LC
2	EA	Drop Plate	4040XP-18PA .689	LC
2	EA	Shoe	4040XP-30 .689	LC
2	EA	Spacer	4040XP-61 .689	LC
1	EA	Threshold	171A x 68"	PE
1	EA	Gasketing	5110BL 120" Mull Gasket Cut to Length	PE
2	EA	Sweep	315CN x 34"	PE
2	EA	Position Switch	DPS-M-BK	SU

Door normally closed, latched, and secure. Entry by access control system schedule activating electric latch retraction. Free egress is allowed. Power supply for exit devices is in set 07. Access control system is not by this section.

Hardware Set 09

Doors: W100C

Each to receive:

2	EA	Continuous Hinge	112XY 83" 628 EPT	IV
2	EA	Electric Power Transfer	EPT10 .689	VO
1	EA	Mullion	KR4954 7'6 .689 Cut to height of opening	VO
1	EA	Kit	MT54 .689	VO
1	EA	Stabilizer	154 .689	VO
1	EA	Rim Exit Device	.QEL .RX 35A.EO LHR Leaf .626 3'1"	VO
1	EA	Rim Exit Device	.QEL .RX 35A.NLOP RHR leaf .626 3'1" .388(Std)	VO
1	EA	Mortise Cylinder	1E-74 C4 RP2 626 Patented	BE
1	EA	Rim Cylinder	12E-72 S2 RP 626 Patented	BE
2	EA	Door Pull	8190HD-0 630	IV
1	EA	Surface Closer	4040XP .SHCUSH .689 LHR Leaf	LC
1	EA	Automatic Opener	9542 .REGARM .628 RHR Leaf	LC
2	EA	Position Switch	DPS-M-BK	SU
1	EA	Receiver	8310-865	LC
1	EA	Actuator	8310-853TWP	LC
1	EA	Power Supply	PS906 .900-4RL-FA	VO

Door normally closed, latched, and secure. Entry by valid credential or access control system schedule activating electric latch retraction and exterior actuator. Free egress is allowed. Mount power supply and dual vestibule switch in location as directed by the architect. Credentials, card readers, and access control system are not by this section.

Hardware Set 10

Doors: W100D, W100E

Each to receive:

2	EA	Continuous Hinge	112XY 83" 628 EPT	IV
2	EA	Electric Power Transfer	EPT10 .689	VO
1	EA	Mullion	KR4954 7'6 .689 Cut to height of opening	VO
1	EA	Kit	MT54 .689	VO
1	EA	Stabilizer	154 .689	VO
1	EA	Rim Exit Device	.QEL .RX 35A.EO LHR Leaf .626 3'1"	VO
1	EA	Rim Exit Device	.QEL .RX 35A.EO RHR Leaf .626 3'1"	VO
1	EA	Mortise Cylinder	1E-74 C4 RP2 626 Patented	BE
2	EA	Door Pull	8190HD-0 630	IV
2	EA	Surface Closer	4040XP .SHCUSH .689	LC
2	EA	Drop Plate	4040XP-18PA .689	LC
2	EA	Shoe	4040XP-30 .689	LC
2	EA	Spacer	4040XP-61 .689	LC
2	EA	Position Switch	DPS-M-BK	SU

Door normally closed, latched, and secure. Entry by access control system schedule activating electric latch retraction. Free egress is allowed. Power supply for exit devices is in set 09. Access control system is not by this section.

Hardware Set 11

Doors: W101

Each to receive:

3	EA	Hinge, Full Mortise	5BB1 4-1/2" x 4-1/2" 652 NRP	IV
1	EA	Mortise Lock	45H7AT 15R 626 Patented	BE
1	EA	Drop Plate	4040XP-18PA .689	LC
1	EA	Shoe	4040XP-30 .689	LC
1	EA	Spacer	4040XP-61 .689	LC
1	EA	Surface Closer	4040XP .SCUSH .689	LC

NOTE: Contractor, Hardware Supplier, and Aluminum Door Supplier to confirm the mortise lock will fit into the aluminum door stile PRIOR to ordering material.

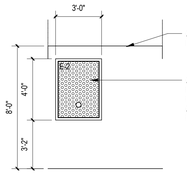
END OF SECTION 08 71 00

FINISH LEGEND & SCHEDULE

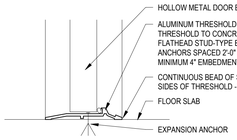
CPTT-1	CARPET TILE WALK-OFF TILE	MANUF: MOHAWK GROUP STYLE: GT311 COLOR: 955 COBALT

DOOR AND FRAME SCHEDULE

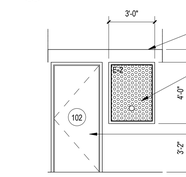
	DOOR						FRAME				FRAME DETAILS				
DOOR #	TYPE	MATERIAL	OPENING WIDTH	DOOR WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	DEPTH	HDWR	HEAD	JAMB	JAMB	SILL	REFERENCED NOTES
001	N	HM	4'-0"	4'-0"	7'-0"	1 3/4"	DF	HM	5 3/4"	01					EXISTING DOOR AND FRAME TO BE REPLACED. NEW DOOR AND FRAME TO MATCH EXISTING STYLE, COLOR, SIZE, ETC.
100	FG2	HM	5'-8"	2'-10" / 2'-10"	7'-0"	1 3/4"	DF	HM	5 3/4"	02		9/AJ-101	1" FRAME		VERIFY DIMENSIONS IN FIELD.PROVIDE CARD READER AND ELECTRIC LATCH, AUTOMATIC DOOR OPERATOR SYSTEM. PAINT.
100A	FG2	HM	5'-8"	2'-10" / 2'-10"	7'-0"	1 3/4"	DF	HM	5 3/4"	03		9/AJ-101	1" FRAME		VERIFY DIMENSIONS IN FIELD. PAINT.
100B	FG2	HM	5'-8"	2'-10" / 2'-10"	7'-0"	1 3/4"	DF	HM	5 3/4"	04			1" FRAME		VERIFY DIMENSIONS IN FIELD.PROVIDE CARD READER AND ELECTRIC LATCH, AUTOMATIC DOOR OPERATOR SYSTEM. PAINT.
100C	FG2	HM	5'-8"	2'-10" / 2'-10"	7'-0"	1 3/4"	DF	HM	5 3/4"	05			1" FRAME		VERIFY DIMENSIONS IN FIELD. PAINT.
102	F	HM	3'-0"	3'-0"	7'-0"	1 3/4"	DF	HM	5 3/4"	06					ALTERNATE: DOOR FOR VESTIBULE SECURITY OFFICE.



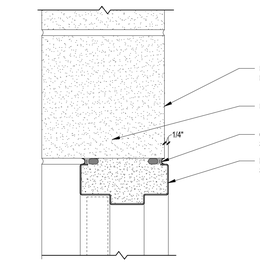
7 INTERIOR ELEVATION - SECURITY VESTIBULE NORTH - ALTERNATE #1
1/4" = 1'-0"



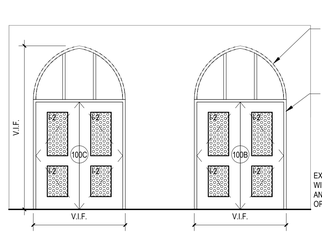
10 DOOR OPENING SILL DETAIL
3" = 1'-0"



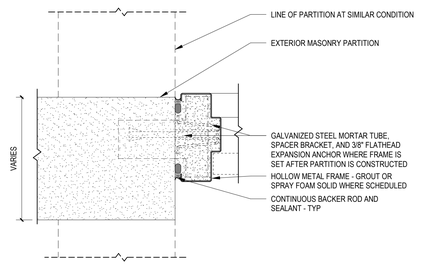
6 INTERIOR ELEVATION - SECURITY VESTIBULE SOUTH - ALTERNATE #1
1/4" = 1'-0"



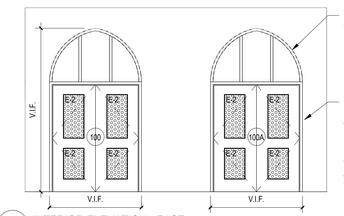
9 TYP. HOLLOW METAL - HEAD DETAIL - MASONRY
3" = 1'-0"



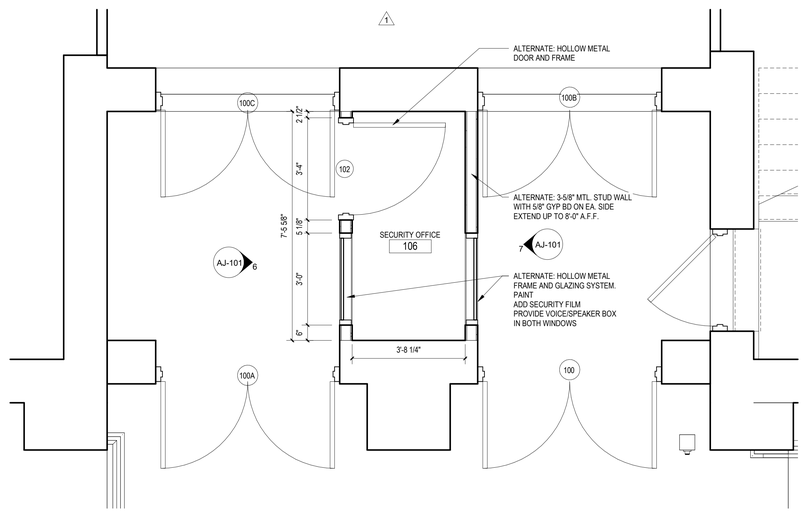
5 INTERIOR ELEVATION - WEST
1/4" = 1'-0" AJ-101



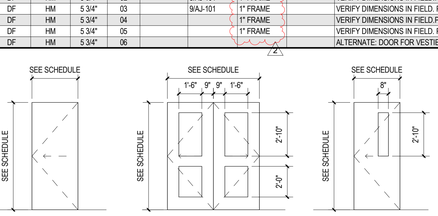
8 TYP. HOLLOW METAL - JAMB DETAIL - MASONRY
3" = 1'-0"



4 INTERIOR ELEVATION - EAST
1/4" = 1'-0" AJ-101



3 FIRST FLOOR PLAN - ALTERNATE #1
1/2" = 1'-0" A-201



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

GLAZING TYPES

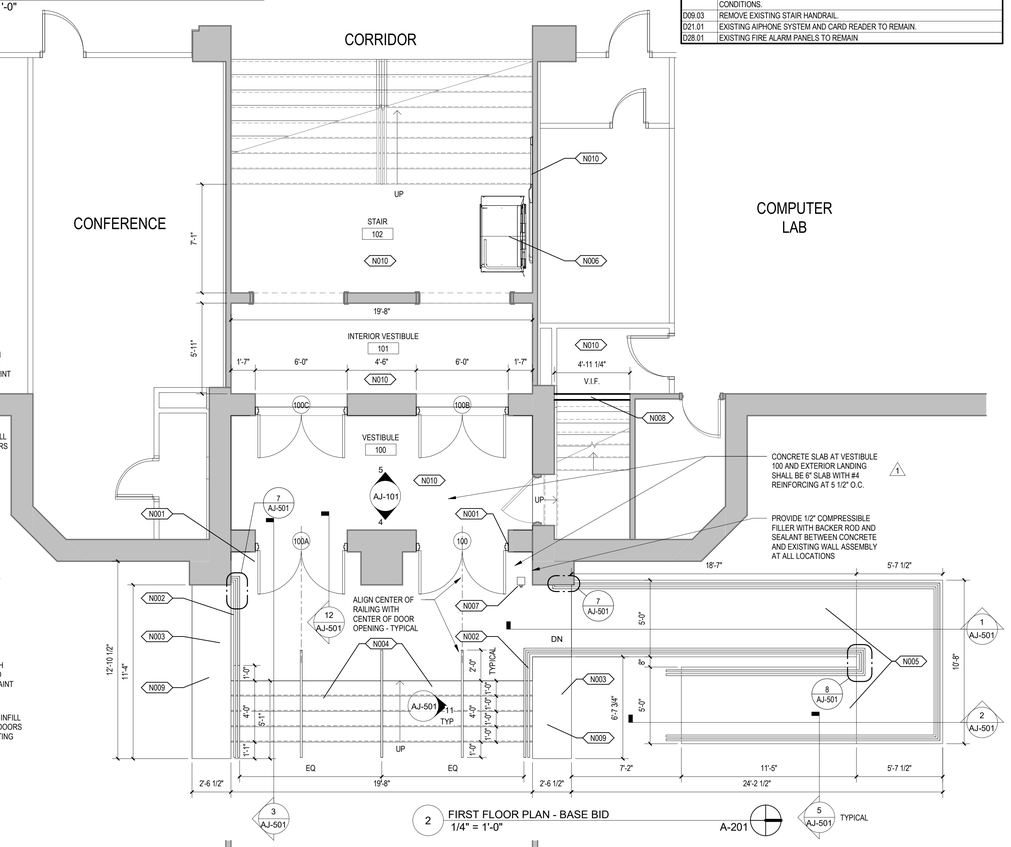
EXTERIOR:

E-1	1" INSULATED CLEAR GLAZING UNIT
E-2	1" INSULATED CLEAR GLAZING UNIT W/ SECURITY FILM AND ATTACHMENT SYSTEM

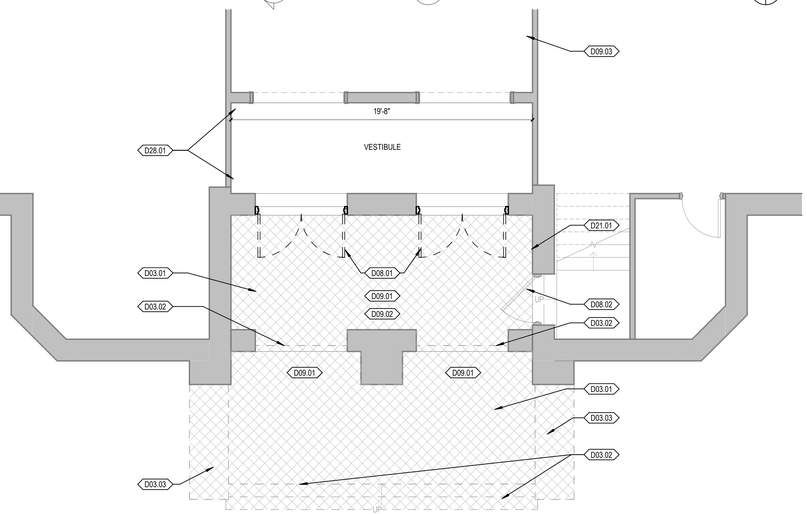
INTERIOR:

I-1	1/4" CLEAR TEMPERED GLASS
I-2	1/4" CLEAR TEMPERED GLASS WITH SECURITY FILM AND ATTACHMENT SYSTEM

SECURITY FILM



2 FIRST FLOOR PLAN - BASE BID
1/4" = 1'-0" A-201



1 FIRST FLOOR DEMOLITION PLAN
1/4" = 1'-0" A-201

ARCHITECTURAL PLAN NOTES

NOTE	DESCRIPTION
N001	INFILL EXISTING OPENING WITH DOUBLE DOOR TO MATCH EXISTING ADJACENT DOORS.
N002	METAL RAILING SYSTEM WITH HANDRAIL.
N003	CONCRETE KNEE WALL. FILL ALL HOLES IN CONCRETE AND PROVIDE RUB FINISH.
N004	NEW CONCRETE STEPS UP TO LEVEL OF EXISTING VESTIBULE - SEE CIVIL DWG'S.
N005	CONCRETE RAMP WITH GUARDRAILS AND HANDRAILS.
N006	WALL MOUNT, SIDE LOAD, INCLINE WHEELCHAIR LIFT
N007	PEDESTAL FOR ADA DOOR ACTUATOR, AIPHONE, AND CARD READER.
N008	ADD 3-5/8" STUD WALL W/ 5/8" GYP. BD ON EA. SIDE AT TOP OF EXISITNG STAIR - EXTEND UP TO STRUCTURE ABOVE. PAINT.
N009	SLOPE TOP OF CONCRETE KNEE WALL 1/4" PER 12" AWAY FROM STAIRS.
N010	PATCH AND REPAIR EXISTING WALLS AND CEILINGS AS REQUIRED AT AREAS OF NEW WORK. PAINT APPLICABLE LOCATIONS, MATCH EXISTING ADJACENT.

DEMOLITION NOTES

Type	DESCRIPTION
D03.01	PORTION OF EXISTING CONCRETE SLAB TO BE DEMOLISHED IN PREPARATION FOR NEW CONSTRUCTION.
D03.02	EXISTING CONCRETE STAIRS TO BE DEMOLISHED IN PREPARATION FOR NEW CONSTRUCTION.
D03.03	EXISTING CONCRETE WALL TO BE DEMOLISHED IN PREPARATION FOR NEW CONSTRUCTION.
D08.01	EXISTING HOLLOW METAL DOORS AND FRAMES TO BE DEMOLISHED IN PREPARATION FOR NEW DOORS AND FRAMES.
D08.02	EXISTING HOLLOW METAL DOOR TO REMAIN.
D09.01	PROTECT SURFACES AND FINISHES AS REQUIRED FOR DURATION OF PROJECT. REPAIR ALL DAMAGTES TO PRE-CONSTRUCTION CONDITIONS.
D09.02	EXISTING CEILING TO REMAIN - REPAIR ALL DAMAGES TO PRE-CONSTRUCTION CONDITIONS.
D09.03	REMOVE EXISTING STAIR HANDRAIL.
D21.01	EXISTING AIPHONE SYSTEM AND CARD READER TO REMAIN.
D28.01	EXISTING FIRE ALARM PANELS TO REMAIN

DEMOLITION PLAN GENERAL NOTES

1. REFERENCED DEMOLITION NOTES REFER TO THE MINIMUM AMOUNT OF DEMOLITION REQUIRED TO ACCOMMODATE THE NEW CONSTRUCTION. TRADE CONTRACTORS SHALL VISIT PROJECT SITE TO BECOME FAMILIAR WITH COMPLETE SCOPE OF REMOVALS/DEMOLITIONS AND FIELD VERIFY THE EXTENT OF DEMOLITION.
2. EXISTING DIMENSIONS AND HATCHED AREAS ARE FOR GENERAL REFERENCE AND BIDDING PURPOSES ONLY. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD. THE ACTUAL AREA OF DEMOLITION SHOULD BE KEPT TO THE MINIMUM REQUIRED TO PROPERLY EXECUTE THE CONTRACT REQUIREMENTS.
3. IN THE EVENT THAT AN EXISTING ITEM NOT SHOWN ON THE DRAWINGS CONFLICTS WITH WORK UNDER THIS CONTRACT, CONTACT THE ARCHITECT PRIOR TO REMOVAL OF THAT ITEM.
4. ALL UTILITIES SHALL REMAIN IN SERVICE FOR OTHER OCCUPANCIES. ANY SHUTDOWNS OF BUILDING MUST BE APPROVED BY OWNER AND OCCUR AT OFF HOURS AS DEFINED BY OWNER.
5. THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ALL MATERIAL OR EQUIPMENT IDENTIFIED TO BE REMOVED. ALL ITEMS NOT TURNED OVER TO THE OWNER SHALL BE DISPOSED OF PROPERLY AND LAWFULLY.
6. REFER TO DRAWINGS FOR LOCATIONS OF ALL ITEMS TO BE REINSTALLED. ALL ITEMS NOT SPECIFICALLY INDICATED FOR REINSTALLATION ON DRAWINGS ARE TO BE TURNED OVER TO THE OWNER. ALL ITEMS NOT TURNED OVER TO THE OWNER SHALL BE DISPOSED OF PROPERLY AND LAWFULLY.
7. ALL REMOVED ITEMS IDENTIFIED FOR REINSTALLATION OR TO BE TURNED OVER TO THE OWNER SHALL BE PROTECTED UNTIL TIME OF REINSTALLATION OR OWNER POSSESSION. DAMAGED ITEMS SHALL BE REPAIRED OR REPLACED BY THE RESPONSIBLE TRADE CONTRACTOR.
8. THROUGHOUT DEMOLITION AND CONSTRUCTION, PROTECT ITEMS SCHEDULED TO REMAIN ANDIOR ALL ADJACENT MATERIALS AND EQUIPMENT, ETC. INDICATED TO REMAIN. COORDINATE REMOVAL AND PROTECTIONS WITH OWNER.
9. DO NOT COMMENCE DEMOLITION UNTIL OWNER HAS REMOVED ALL ARTWORK AND DISPLAYS FROM AREAS OF DEMOLITION.
10. AT REMOVAL OF SELECTED DEMOLITION ITEMS WHERE NO NEW CONSTRUCTION IS IDENTIFIED, PATCH, CLEAN. PREPARE, AND PAINT SURFACES TO MATCH FINISH COLOR, TEXTURE AND SHEEN OF ADJACENT SURFACES.
11. AT ITEMS TO BE REMOVED, ALSO REMOVE ALL ASSOCIATED BRACKETS, SUPPORTS, FASTENERS, ANCHORS, ETC. PATCH, CLEAN, PREPARE, AND PAINT SURFACES TO MATCH FINISH COLOR, TEXTURE AND SHEEN OF ADJACENT SURFACES.
12. CONTRACTOR SHALL REMOVE EXISTING PLUMBING, MECHANICAL, ELECTRICAL OR OTHER MISCELLANEOUS ITEMS REQUIRED TO COMPLETE NEW WORK BUT NOT REQUIRED TO REMAIN.
13. CONTRACTOR SHALL REMOVE ALL DEBRIS AND TRASH RESULTING FROM CONSTRUCTION ON A DAILY BASIS.
14. GENERAL CONTRACTOR SHALL RECYCLE DEMOLITION CONSTRUCTION DEBRIS IN ACCORDANCE WITH AUTHORITIES HAVING JURISDICTION AND SUSTAINABLE BEST PRACTICES.
15. IN THE EVENT HAZARDOUS MATERIALS ARE UNCOVERED GENERAL CONTRACTOR IS TO NOTIFY THE OWNER AND THE APPROPRIATE AUTHORITIES. THE ARCHITECT IS NOT RESPONSIBLE FOR REMOVAL / ABATEMENT OF HAZARDOUS MATERIALS. CONTRACTOR TO PROVIDE REMOVAL / ABATEMENT AT LOCATIONS NECESSARY.
16. REFER TO THE CIVIL, LANDSCAPE, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION, ELECTRICAL, AND TECHNOLOGY DRAWINGS FOR THE DEMOLITION WORK SPECIFIC TO THOSE DISCIPLINES.
17. STRUCTURAL ITEMS SHOWN AS 'TO BE REMOVED' ARE FOR REFERENCE ONLY. VERIFY APPROPRIATE SHORING OR REINFORCEMENT CONDITION WITH STRUCTURAL DRAWINGS.

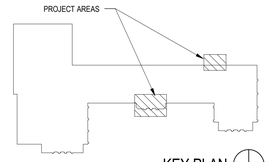
GENERAL NOTES

1. ALL WORK SHALL BE COMPLIANT WITH THE CODES, ORDINANCES, AND REGULATIONS OF THE AUTHORITIES HAVING JURISDICTION OVER THE PROJECT LOCATION.
2. THE TRADE CONTRACTORS' PERSONNEL SHALL NOT BE ALLOWED ON THE PROJECT SITE WITHOUT COMPLYING WITH THE OWNER'S SECURITY PROTOCOLS.
3. WHERE CONFLICTS EXIST WITHIN OR BETWEEN PARTS OF THE CONTRACT DOCUMENTS, OR BETWEEN THE CONTRACT DOCUMENTS AND APPLICABLE STANDARDS, CODES, ORDINANCES, AND REGULATIONS THE MORE STRINGENT OR HIGH QUALITY OR GREATER QUALITY REQUIREMENT(S) SHALL APPLY. LARGE-SCALE DRAWINGS TAKE PRECEDENCE OVER SMALL-SCALE DRAWINGS; FIGURED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS; AND NOTED MATERIALS TAKE PRECEDENCE OVER GRAPHIC REPRESENTATIONS.
4. THE CONTRACT DOCUMENTS IDENTIFY THE MINIMUM AMOUNT OF WORK REQUIRED. TRADE CONTRACTORS SHALL PROVIDE THE EXTENT OF WORK NECESSARY FOR A COMPLETE INSTALLATION.
5. REFER TO THE PROJECT MANUAL FOR PRODUCTS, MATERIALS, AND PROCEDURES NOT IDENTIFIED ON THE CONTRACT DRAWINGS.
6. THE ACTUAL AREA(S) OF WORK SHALL BE KEPT TO THE MINIMUM REQUIRED TO PROPERLY EXECUTE THE CONTRACT REQUIREMENTS. EXISTING DIMENSIONS AND HATCHED AREAS INDICATED ON CONTRACT DOCUMENTS ARE FOR GENERAL REFERENCE AND BIDDING PURPOSES ONLY.
7. PRIOR TO BIDDING, THE TRADE CONTRACTORS SHALL FIELD VERIFY THE EXTENT OF WORK REQUIRED TO PROPERLY EXECUTE THE CONTRACT REQUIREMENTS. ADDITIONAL WORK THAT IS REQUIRED, WAS VISIBLE, AND COULD HAVE BEEN IDENTIFIED DURING BIDDING SHALL BE COMPLETED BY THE RESPONSIBLE TRADE CONTRACTOR(S) AT NO ADDITIONAL COST TO THE OWNER.
8. THE TRADE CONTRACTORS SHALL BE FAMILIAR WITH THE EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OR CONSTRUCTION MANAGER OF ANY CONFLICTS WITH THE CONSTRUCTION DOCUMENTS PRIOR TO PREPARING SUBMITTALS OR BEGINNING ANY WORK.
9. THE TRADE CONTRACTORS SHALL PROVIDE ALL TEMPORARY CONSTRUCTION AND/OR SHORING REQUIRED TO PROPERLY EXECUTE THE REQUIREMENTS OF THEIR CONTRACT.
10. PATCHING, REPAIRING, AND REFINISHING WORK SHALL BE PERFORMED BY THOSE REGULARLY INVOLVED IN THAT TRADE AND SHALL MATCH THE EXISTING ADJACENT CONSTRUCTION AS CLOSELY AS POSSIBLE IN MATERIAL, FINISH, COLOR, TEXTURE AND SHEEN. REFER TO THE CONTRACT DRAWINGS FOR EXISTING BUILDING CONSTRUCTION TO REMAIN.
11. TRADE CONTRACTORS SHALL PROTECT THEIR WORK AND EXISTING CONSTRUCTION, FINISHES, AND EQUIPMENT TO REMAIN TO PREVENT DAMAGE. ANY WORK AND/OR EXISTING FINISHES TO REMAIN DAMAGED DURING THE REMOVAL OF EXISTING WORK OR THE INSTALLATION OF NEW WORK SHALL BE REPAIRED, REPLACED, AND REFINISHED BY THE RESPONSIBLE TRADE CONTRACTOR TO MATCH THE ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER AND TO THE SATISFACTION OF THE OWNER AND ARCHITECT.
12. THE ARCHITECT SHALL REVIEW AND APPROVE LOCATIONS FOR ALL JUNCTION BOXES AND RACEWAYS PRIOR TO INSTALLATION OF WIRING / CABLING.
13. EXISTING SITE FEATURES, MATERIALS, AMENITIES, LANDSCAPING, ETC. DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE RESTORED, REPAIRED, OR REPLACED BY THE RESPONSIBLE TRADE CONTRACTOR(S) AT NO ADDITIONAL COST TO THE OWNER AND TO THE SATISFACTION OF THE OWNER AND ARCHITECT.
14. CONTRACTOR SHALL COORDINATE THE WORK WITH ALL PARTIES INVOLVED SO THAT THE CONSTRUCTION CAN PROCEED SMOOTHLY, WITHOUT TRADE INTERFERENCE OR WASTE OF TIME AND MATERIAL.
15. AFTER REMOVAL OF ITEMS IDENTIFIED TO BE REMOVED, CLEAN AND REPAIR THE EXISTING SURFACES TO REMAIN TO MATCH THE CONSTRUCTION MATERIALS AND METHODS, FINISHES, TEXTURE, PATTERN, COLOR AND SHEEN OF THE ADJACENT SURFACES TO REMAIN. PATCH, CLEAN, PREPARE, PAINT, ETC. EXISTING SURFACES AS REQUIRED.
16. WHERE EXISTING EQUIPMENT IS REMOVED AND NEW EQUIPMENT IS SMALLER AND INSTALLED IN THE SAME LOCATION, CLEAN AND REPAIR THE SIGHT-EXPOSED SURFACES TO REMAIN TO MATCH THE CONSTRUCTION MATERIALS AND METHODS, FINISHED TEXTURE, PATTERN, AND COLOR OF THE ADJACENT SURFACES TO REMAIN. PATCH, CLEAN, PREPARE, PAINT, ETC. EXISTING SURFACES AS REQUIRED.
17. ALL PENETRATIONS THROUGH ANY MATERIAL SHALL BE SEALED WITH A COMPATIBLE MATERIAL APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.
18. PROVIDE A CONTINUOUS BEAD OF SEALANT BETWEEN DISSIMILAR MATERIALS, U.N.O.
19. PROVIDE GALVANIC PROTECTION SEPARATING DISSIMILAR METALS.
20. WARNING: ASBESTOS-CONTAINING BUILDING MATERIALS ARE OR MAY BE PRESENT IN THIS BUILDING. AN ASBESTOS MANAGEMENT PLAN IS AVAILABLE IN THE SCHOOL FOR REVIEW UPON REQUEST. NO PERSON MAY DISTURB ASBESTOS-CONTAINING MATERIALS UNLESS THAT PERSON IS A LICENSED ASBESTOS WORKER OR CONDUCTS SUCH WORK IN ACCORDANCE WITH SPECIFICATIONS(S) CONTAINED IN THE PROJECT DOCUMENTS AND IN COMPLIANCE WITH ILLINOIS DEPARTMENT OF HEALTH RULES AND REGULATIONS.

DEMOLITION LEGEND

- D## ## — DEMOLITION TAG
- EXISTING WALLS TO REMAIN
- EXISTING WALLS TO BE DEMOLISHED
- LIMITS OF DEMOLITION WORK - SEE MEPFP DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS
- EXISTING DOORS TO REMAIN
- EXISTING DOORS TO BE DEMOLISHED

PROJECT AREAS



KEY PLAN

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2025 CONTROLLED ENTRY IMPROVEMENTS

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SIGNATURE

DATE

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM 1	02/20/25
2	ADDENDUM 2	02/25/25

PROJECT NUMBER	225017.00
DATE OF ISSUE	02.10.2025
DRAWN BY	RG
REVIEWED BY	BA

VESTIBULE PLANS AND DETAILS - JOHN DEERE

AJ-101

BIDDING