



**Stockbridge Central School District
Secure Vestibule Renovations
SED Control No.25-15-01-04-0-010-009 – K-12 Building
BCA Project No. 2019-116**

**Addendum No. 1
September 11, 2020**

To: All Bidders

This addendum is hereby made part of the Contract Documents as though it were originally included therein. It modifies the following documents:

Original Drawings and Project Manual dated 08/27/2020.

All Bidders must acknowledge receipt of this Addendum in the space provided on the Form of Proposal.

CLARIFICATIONS:

A. Question: Not sure where the new railings are to be placed?

Response: Refer to drawing A-201 detail 1-Site Reference Plan for the location, reference detail bubble 7/A-201 and detail 7 for the elevation of the railings.

B. Question: What are the required lengths?

Response: Lengths are estimated at 30'-0"

REISSUED SPECIFICATION SECTIONS:

08 1116 Aluminum Doors and Frames
08 7100 Door Hardware

REVISIONS TO THE PROJECT MANUAL:

- A. Refer to Specification Section 08 1116 *Aluminum Doors and Frames*; **DELETE** in its' entirety and **REPLACE** with the attached Specification Section 08 1116 *Aluminum Doors and Frames*.
- B. Refer to Specification Section 08 7100 *Door Hardware*; **DELETE** in its' entirety and **REPLACE** with the attached Specification Section 08 7100 *Door Hardware*.

REVISIONS TO THE CONTRACT DRAWINGS:

- A. Refer to Drawing A-201 *Partial Site work Plan and Details*, Detail 8, Note: “4x4x0.25 tube steel guardrail welded to support transition in field, filled w/mortar and cap ends. Run continuous between columns. Refer to photo for correct location. Powder Coat Finish.”; **AMEND** to read: “4x4x0.25 tube steel guardrail welded to support transition in field, with cap ends. Run continuous between columns. Refer to photo for correct location. Powder Coat Finish.”
- B. Refer to Drawing A-201 *Partial Site work Plan and Details* – Detail 9, Note: “4x4x0.25 tube steel guardrail welded to support transition in field, filled w/mortar and cap ends. Powder Coat Finish.” **AMEND** to read: “4x4x0.25 tube steel guardrail welded to support transition in field, with cap ends. Powder Coat Finish.”
- C. Refer to Drawing A-201 *Partial Site work Plan and Details* – Detail 10, Note “4x4x0.25 tube steel guardrail welded to support transition in field, filled w/mortar and cap ends. Powder Coat Finish.” **AMEND** to read: “4x4x0.25 tube steel guardrail welded to support transition in field, with cap ends. Powder Coat Finish.”

END OF ADDENDUM

Please do not hesitate to contact me with any questions on this addendum, thank you.

Respectfully Submitted,
BCA ARCHITECTS & ENGINEERS



John Sokol, RA
 Principal

**SECTION 08 1116
ALUMINUM DOORS AND FRAMES**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Aluminum frames.
 - 1. Climate Zone - 6A
- B. Flush infill panels.

1.02 RELATED REQUIREMENTS

- A. Section 08 7100 - Door Hardware: Hardware for aluminum doors.

1.03 REFERENCE STANDARDS

- A. AAMA 609 & 610 - Cleaning and Maintenance Guide for Architecturally Finished Aluminum (Combined Document).
- B. AAMA 611 - Voluntary Specification for Anodized Architectural Aluminum.
- C. AAMA 701/702 - Combined Voluntary Specifications for Pile Weatherstrip and Replaceable Fenestration Weatherseals.
- D. AAMA 1503 - Voluntary Test Method for Thermal Transmittance and Condensation Resistance of Windows, Doors and Glazed Wall Sections.
- E. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design.
- F. ASTM A123/A123M - Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products.
- G. ASTM B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
- H. ASTM B221M - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric).
- I. ASTM E283 - Standard Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen.
- J. ASTM E331 - Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference.
- K. ICC A117.1 - Accessible and Usable Buildings and Facilities.

1.04 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Shop Drawings: Include elevations of each opening type.
 - 1. Verify dimensions by field measurements before fabrication and indicate on shop drawings.
- C. Selection Samples: Complete set of color and finish options, using actual materials, for Architect's selection.
- D. Test Report: Submit certified test reports from qualified independent testing agency indicating doors comply with specified performance requirements.
- E. Warranty: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with not less than five years of documented experience.

- B. Installer Qualifications: Company specializing in performing work of type specified and with at least 5 years of documented experience.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Deliver aluminum components in manufacturer's standard protective packaging, palletted, crated, or banded together.
- B. Inspect delivered components for damage and replace. Repaired components will not be accepted.
- C. Store components in clean, dry, indoor area, under cover in manufacturer's packaging until installation.
- D. Protect materials and finish from damage during handling and installation.

1.07 FIELD CONDITIONS

- A. Do not begin installation of interior aluminum components until space has been enclosed and ambient thermal conditions are being maintained at levels consistent with final project requirements.

1.08 WARRANTY

- A. See Section 01 7800 - Closeout Submittals, for additional warranty requirements.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Aluminum Frames:
 - 1. Kawneer Company: Trifab VG 451T Framing System: www.Kawneer.com

2.02 ALUMINUM FRAMES

- A. Accessibility: Comply with ICC A117.1 and ADA Standards.
- B. Aluminum Frames for Doors, Sidelights, or Transoms: Extruded aluminum, thermally broken hollow or C-shaped sections; no steel components.
 - 1. Frame Depth: 6" .
 - 2. Finish: Class I - Natural anodized.
 - 3. Weatherstripping: Replaceable pile type; at jambs and head.
- C. Dimensions and Shapes: As indicated on drawings; dimensions indicated are nominal.
 - 1. Provide the following clearances:
 - a. Hinge and Lock Stiles: 1/8 inch.
 - b. Between Meeting Stiles: 1/4 inch.
 - c. At Top Rail and Bottom Rail: 1/8 inch.

2.03 COMPONENTS

- A. Frames: Extruded aluminum shapes, not less than 0.062 inch thick, reinforced at hinge and strike locations.
 - 1. Corner Brackets: Extruded aluminum, fastened with stainless steel screws.
 - 2. Trim: Extruded aluminum, not less than 0.062 inch thick, removable snap-in type without exposed fasteners.
 - 3. Door Stop: Extruded snap on. do not cut stop to install hardware.
- B. Flush Infill Panels for Sidelights: Panel face sheet finish and thickness same as doors without any visible seams.
 - 1. Insulating Panel Thickness: 1 inch overall thickness.
 - 2. Core: Rigid insulating material of not less than 2.0 lb/cu ft density.
- C. Door Hardware: Refer to Section 08 7100 for additional requirements.

2.04 PERFORMANCE REQUIREMENTS

- A. Provide door assemblies that have been designed and fabricated in compliance with specified performance requirements.
- B. Water Leakage: No uncontrolled leakage on interior face when tested in accordance with ASTM E331 at differential pressure of 7.5 psf.
- C. Air Leakage: Maximum of 1 cu ft/min/sq ft at 1.57 psf differential pressure, when tested in accordance with ASTM E283.
- D. Condensation Resistance Factor: 50, measured in accordance with AAMA 1503.
- E. Fixed Glazing U-Factor - .36 for Climate Zone 6A
- F. Entrance Door U-Factor - .77 for Climate Zone 6A
- G. Overall U-value, Including Glazing: 0.35, minimum, measured on exterior door size required for this project.

2.05 MATERIALS

- A. Extruded Aluminum: ASTM B221 (ASTM B221M), alloy 6063, temper T5, or alloy 6463, temper T5.

2.06 FINISHES

- A. Class I Natural Anodized Finish: Clear anodic coating; AAMA 611 AA-M12C22A41, minimum dry film thickness (DFT) of 0.7 mils, 0.0007 inch.
- B. Touch-Up Materials: As recommended by coating manufacturer for field application.

2.07 ACCESSORIES

- A. Replaceable Weatherstripping: AAMA 701/702 wool pile.
- B. Fasteners: Aluminum, non-magnetic stainless steel, or other material warranted by manufacturer as non-corrosive and compatible with aluminum components.
- C. Brackets and Reinforcements: Manufacturer's high-strength aluminum units where feasible, otherwise, non-magnetic stainless steel or steel hot-dip galvanized in compliance with ASTM A123/A123M.
- D. Bituminous Coating: Cold-applied asphaltic mastic, compounded for 30-mil thickness per coat.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that wall surfaces and openings are ready to receive frames and are within tolerances specified in manufacturer's instructions.

3.02 PREPARATION

- A. Perform cutting, fitting, forming, drilling, and grinding of frames as required for project conditions.
- B. Replace components with damage to exposed finishes.
- C. Separate dissimilar metals to prevent electrolytic action between metals.

3.03 INSTALLATION

- A. Install doors and frames in accordance with manufacturer's instructions and approved shop drawings.
- B. Set frames plumb, square, level, and aligned to receive doors. Anchor frames to adjacent construction in strict accordance with manufacturer's recommendations and within specified tolerances.
- C. Where aluminum surfaces contact metals other than stainless steel, zinc, or small areas of white bronze, protect from direct contact by painting dissimilar metal with heavy coating of

bituminous paint.

- D. Hang doors and adjust hardware to achieve specified clearances and proper door operation.

3.04 FIELD QUALITY CONTROL

- A. Provide services of aluminum door manufacturer's field representative to observe for proper installation of system and submit report.

3.05 CLEANING

- A. Upon completion of installation, thoroughly clean door and frame surfaces in accordance with AAMA 609 & 610.
- B. Do not use abrasive, caustic, or acid cleaning agents.

3.06 PROTECTION

- A. Protect products of this section from damage caused by subsequent construction until Date of Substantial Completion.
- B. Replace damaged or defective components that cannot be repaired to a condition indistinguishable from undamaged components.

END OF SECTION

**SECTION 08 7100
DOOR HARDWARE**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Hardware for aluminum doors.
- B. Electrically operated and controlled hardware.
- C. Thresholds.
- D. Weatherstripping and gasketing.

1.02 RELATED REQUIREMENTS

- A. Section 28 1000 - Access Control: Electronic access control devices.

1.03 REFERENCE STANDARDS

- A. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design.
- B. BHMA A156.1 - American National Standard for Butts and Hinges.
- C. BHMA A156.2 - American National Standard for Bored and Preassembled Locks & Latches.
- D. BHMA A156.3 - American National Standard for Exit Devices.
- E. BHMA A156.4 - American National Standard for Door Controls - Closers.
- F. BHMA A156.21 - American National Standard for Thresholds.
- G. BHMA A156.22 - American National Standard for Door Gasketing and Edge Seal Systems Sponsor.
- H. BHMA A156.26 - American National Standard for Continuous Hinges.
- I. BHMA A156.31 - American National Standard for Electric Strikes and Frame Mounted Actuators.
- J. ICC A117.1 - Accessible and Usable Buildings and Facilities.
- K. NFPA 70 - National Electrical Code.
- L. NFPA 101 - Life Safety Code.
- M. UL (DIR) - Online Certifications Directory.

1.04 ADMINISTRATIVE REQUIREMENTS

- A. Coordinate the manufacture, fabrication, and installation of products that door hardware is installed on.
- B. Sequence installation to ensure utility connections are achieved in an orderly and expeditious manner.
- C. Furnish templates for door and frame preparation to manufacturers and fabricators of products requiring internal reinforcement for door hardware.
- D. Keying Requirements Meeting:
 - 1. Attendance Required:
 - 2. Agenda:
 - 3. Incorporate "Keying Requirements Meeting" decisions into keying submittal upon review of door hardware keying system including, but not limited to, the following:
 - 4. Record minutes and distribute copies within two days after meeting to participants, with two copies to Architect, Owner, participants, and those affected by decisions made.
 - 5. Deliver established keying requirements to manufacturers.

1.05 SUBMITTALS

- A. See Section 01 3000 - 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, and includes construction details, material descriptions, finishes, and dimensions and profiles of individual components.
- C. Shop Drawings - Door Hardware Schedule: Submit detailed listing that includes each item of hardware to be installed on each door. Use door numbering scheme as included in Contract Documents.
 - 1. Prepared by or under supervision of Architectural Hardware Consultant (AHC).
 - 2. Provide complete description for each door listed.
 - 3. Provide manufacturer's and product names, and catalog numbers; include functions, types, styles, sizes and finishes of each item.
 - 4. Include account of abbreviations and symbols used in schedule.
- D. Shop Drawings - Electrified Door Hardware: Submit diagrams for power, signal, and control wiring for electrified door hardware that include details of interface with building safety and security systems. Provide elevations and diagrams for each electrified door opening as follows:
 - 1. Prepared by or under supervision of Architectural Hardware Consultant (AHC) and Electrified Hardware Consultant (EHC).
 - 2. Elevations: Submit front and back elevations of each door opening showing electrified devices with connections installed and an operations narrative describing how opening operates from either side at any given time.
 - 3. Diagrams: Submit point-to-point wiring diagram that shows each device in door opening system with related colored wire connections to each device.
- E. Samples for Verification:
 - 1. Submit minimum size of 2 by 4 inch for sheet samples, and minimum length of 4 inch for other products.
 - 2. Submit one (1) sample of hinge, latchset, lockset, and closer illustrating style, color, and finish.
 - 3. Return full-size samples to Contractor.
 - 4. Submit product description with samples.
- F. Maintenance Data: Include data on operating hardware, lubrication requirements, and inspection procedures related to preventative maintenance.
- G. Keying Schedule:
 - 1. Submit three (3) copies of Keying Schedule in compliance with requirements established during Keying Requirements Meeting unless otherwise indicated.
- H. Warranty: Submit manufacturer's warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

1.06 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum three years of documented experience.
- B. Installer Qualifications: Company specializing in performing work of the type specified for commercial door hardware with at least five years of documented experience.

1.07 DELIVERY, STORAGE, AND HANDLING

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

1.08 WARRANTY

- A. See Section 01 7800 - Closeout Submittals, for additional warranty requirements.
- B. Warranty against defects in material and workmanship for period indicated, from Date of Substantial Completion.
 - 1. Closers: Five years, minimum.

2. Exit Devices: Three years, minimum.
3. Locksets and Cylinders: Three years, minimum.
4. Other Hardware: Two years, minimum.

PART 2 PRODUCTS

2.01 DESIGN AND PERFORMANCE CRITERIA

- A. Provide specified door hardware as required to make doors fully functional, compliant with applicable codes, and secure to extent indicated.
- B. Provide individual items of single type, of same model, and by same manufacturer.
- C. Provide door hardware products that comply with the following requirements:
 1. Applicable provisions of federal, state, and local codes.
 2. Accessibility: ADA Standards and ICC A117.1.
 3. Applicable provisions of NFPA 101.
 4. Products Requiring Electrical Connection: Listed and classified by UL (DIR) as suitable for the purpose specified.
- D. Electrically Operated and/or Controlled Hardware: Provide necessary power supplies, power transfer hinges, relays, and interfaces as required for proper operation; provide wiring between hardware and control components and to building power connection in compliance with NFPA 70.
 1. Refer to Section 28 1000 for additional access control system requirements.

2.02 HINGES

- A. Manufacturers:
 1. Bommer Industries, Inc; []: www.bommer.com/#sle.
- B. Hinges: Comply with BHMA A156.1, Grade 1.
 1. Continuous Hinges: Comply with BHMA A156.26.
 2. Provide hinges on every swinging door.
 3. Edge Mount template hinges, stainless steel piano type with hospital tip
 4. Provide stainless steel pin.
 5. Provide hinge guards with Manufacturer's recommended fasteners for full adjustability
 6. Source: Markar 300 series

2.03 EXIT DEVICES

- A. Manufacturers:
 1. Von Duprin, an Allegion brand; Precision Apex 2000 series: www.allegion.com/us/#sle.
 2. Substitutions: See Section 01 6000 - Product Requirements.
- B. Exit Devices: Comply with BHMA A156.3, Grade 1.
 1. Lever design to match lockset trim.
 2. Provide cylinder with cylinder dogging or locking trim on non fire rated mechanical and electrical devices.
 3. Finish to be supplied as specified. All devices shall be manufactured of solid architectural metals at all exposed surfaces; thin metal overlays or plastic are not acceptable.
 4. Furnish all exit devices with deadlocking latchbolts or guarded latch (GL) feature,
 5. Furnish cylinders with all lockable exit devices and mullions.
 6. Furnish stabilizers with all removable mullions. All mullions shall be manufactured of 11 gauge steel.
 7. Provide exit devices properly sized for door width and height.
 8. Provide strike as recommended by manufacturer for application indicated.
 9. Provide UL (DIR) listed exit device assemblies for fire-rated doors and panic device assemblies for non-fire-rated doors.

2.04 ELECTRIC STRIKES

- A. Manufacturers:
 - 1. Precision Hardware Precision 2000 Series or equal: Precisionhardware .com.
 - 2. Substitutions: See Section 01 6000 - Product Requirements.
- B. Electric Strikes: Comply with BHMA A156.31, Grade 1.
 - 1. Continuous duty solenoids retract the latchbolt for momentary unlatching or continuously for dogging.
- C. Provide with ELR 151 Series Power Supply:
 - 1. Switch Input: Normally Open
 - 2. Voltage Input: 5-24VDC or VAC
 - 3. Input Current: Approx. 0.005amp
 - 4. Minimum Pulse Width: 0.25 seconds
 - 5. Time Delay: User selectable - 0-4 minute delay after input is removed.
 - 6. Fire Alarm Terminal: Red LED (D3) blinks when fire alarm interrupts circuits
- D. UL Listed for panic and fire for Class II circuitry

2.05 LOCK CYLINDERS

- A. Manufacturers:
 - 1. Best 93K, dormakaba Group; [_____]: www.bestaccess.com/#sle.
 - 2. Substitutions: See Section 01 6000 - Product Requirements.
- B. Lock Cylinders: Provide key access on outside of each lock, unless otherwise indicated.
 - 1. Provide name and phone number of Owner's Representative to supplied lock manufacturer's representative for final keying meeting
 - 2. All locks and cylinders shall furnished with Best or Best compatible interchangeable cores.
 - 3. Furnish cylinders and cores for all locksets, exit devices and keyed removable mullions
 - 4. Construct lock cylinder parts from brass/bronze, stainless steel or nickel silver
 - 5. Permanently inscribe each key with number or lock the identifies cylinder manufacturer key symbol, and notation "DO NOT DUPLICATE"
 - 6. Provide keys of nickel silver only
 - 7. See keying paragraph for key quantities
 - 8. Furnish (1) one extra key blank for each key
 - 9. Source - Best 93K cylindrical unless otherwise indicated, Owner to approve lever trim from standard options

2.06 CYLINDRICAL LOCKS

- A. Manufacturers:
- B. Cylindrical Locks (Bored): Comply with BHMA A156.2, Grade 1, 4000 Series.
 - 1. Bored Hole: 2-1/8 inch diameter.
 - 2. Latchbolt Throw: 5/8" inch, minimum.
 - 3. Backset: 2-3/4 inch unless otherwise indicated.
 - 4. Strikes: Provide manufacturer's standard strike for each latchset or lockset with strike box and curved lip extending to protect frame in compliance with indicated requirements.
 - a. Finish: To match lock or latch.
 - b. Aluminum-Frame Strike Box: Provide strike box fabricated for use with aluminum framing by framing manufacturer.

2.07 CLOSERS

- A. Manufacturers; Surface Mounted:
 - 1. Basis of Design: [_____].
 - 2. LCN, an Allegion brand; 4040 Series: www.allegion.com/us/#sle.
 - 3. Substitutions: See Section 01 6000 - Product Requirements.

- B. Closers: Comply with BHMA A156.4, Grade 1.
 - 1. Type: Surface mounted to door.
 - 2. Provide door closer on each exterior door.
 - 3. All door closer bodies shall be made of R14 high silicone aluminum alloy or cast iron, and shall have the same template hole pattern
 - 4. All closers shall be non-rated. All parallel arm closers to have forged steel arms for strength and durability; all other closers to have forged steel main arm. All stop arm closers shall incorporate a shock-absorbing (compression type) feature to minimize damage to the door and frame.
 - 5. All closers shall pass UL10C positive pressure fire test
 - 6. All closers shall be multi-sized to provide a full range of closing power. All closers shall be non-handed and reversible
 - 7. All closers shall utilize all weather fluid to eliminate seasonal adjustment of closer speed
 - 8. Closers with features that may void ADA compliance, such as advanced variable backcheck (AVB) shall not be used.
 - 9. All closers shall have powder coat finish on closer body, arm and adaptor plate. If powder coat finish is not available, pre-treat closer body, arm, cover and adapter plate with rust inhibiting coating before painted finish is applied.
 - 10. All closers shall have a 1 1/2" inch diameter piston to minimize internal pressure.
 - 11. All closers shall have V-slot non-critical metal valves. Plastic valves are not acceptable. Closers with valve locations that are not accessible after installation, such as LCN backcheck selection valve, shall be pre-adjusted and labeled by the Supplier prior to site delivery
 - 12. All closers to have full covers installed to deter tampering
 - 13. Provide drop plates as necessary if back of closer is visible. Provide any brackets/spacer blocks as necessary.
 - 14.

2.08 THRESHOLDS

- A. Manufacturers:
 - 1. National Guard Products, Inc: www.ngpinc.com/#sle.
 - 2. Reese Enterprises, Inc: www.reeseusa.com/#sle.
 - 3. Zero International, Inc: www.zerointernational.com/#sle.
- B. Thresholds: Comply with BHMA A156.21.
 - 1. Provide threshold at each exterior door, unless otherwise indicated.
 - 2. Type: Flat surface.
 - 3. Material: Aluminum.
 - 4. Threshold Surface: Fluted horizontal grooves across full width.
 - 5. Field cut threshold to profile of frame and width of door sill for tight fit.
 - 6. Provide non-corroding fasteners at exterior locations.

2.09 WEATHERSTRIPPING AND GASKETING

- A. Manufacturers:
 - 1. Pemko; an Assa Abloy Group company: www.assaabloydss.com/#sle.
 - 2. National Guard Products, Inc: www.ngpinc.com/#sle.
 - 3. Reese Enterprises, Inc: www.reeseusa.com/#sle.
- B. Weatherstripping and Gasketing: Comply with BHMA A156.22.
 - 1. Head and Jamb Type: Adjustable.
 - 2. Door Sweep Type: Encased in retainer.
 - 3. Material: Aluminum, with brush weatherstripping.

2.10 FINISHES

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that doors and frames are ready to receive this work; labeled, fire-rated doors and frames are properly installed, and dimensions are as indicated on shop drawings.
- B. Verify that electric power is available to power operated devices and of 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 application of finishes to substrate are fully completed.
- D. Door Hardware Mounting Heights: Distance from finished floor to center line of hardware item. As indicated in following list; unless noted otherwise in Door Hardware Schedule or on drawings.
- E. Set exterior door thresholds with full-width bead of elastomeric sealant at each point of contact with floor providing a continuous weather seal; anchor thresholds with stainless steel countersunk screws.

3.03 FIELD QUALITY CONTROL

- A. Perform field inspection and testing under provisions of Section 01 4000 - Quality Requirements.

3.04 SCHEDULE

- A. HARDWARE GROUP:
 - 1. Interior Vestibule Doors - Quantity of 2 Doors
 - a. 2 - Continuous Hinges
 - b. 2 - Entrance Locksets
 - c. 2 - Panic Devices
 - d. 1 - Existing card reader system to remain with door frame. New door panels to be installed and shall be make functional with existing system.
 - e. 2 - Closers
 - f. 2 - Weather Gaskets
 - g. 2 - Door Sweeps
 - 2. Exterior Vestibule Doors - Quantity of 2 doors
 - a. 2 - Continuous Hinges
 - b. 2 - Entrance Locksets
 - c. 2 - Panic Devices
 - d. 1 - electrical strike and card reader
 - e. 2 - Closers
 - f. 2 - Weather Gaskets
 - g. 2 - Thresholds
 - h. 2 - Door Sweeps

3.05 ADJUSTING

- A. Adjust work under provisions of Section 01 7000 - Execution Requirements.
- B. Adjust hardware for smooth operation.
- C. Adjust gasketing for complete, continuous seal; replace if unable to make complete seal.

3.06 CLEANING

- A. Clean finished hardware in accordance with manufacturer's written instructions after final adjustments have been made.
- B. Clean adjacent surfaces soiled by hardware installation.

3.07 PROTECTION

- A. Protect finished Work under provisions of Section 01 7000 - Execution Requirements.
- B. Do not permit adjacent work to damage hardware or finish.

END OF SECTION