



ADDENDUM NO. 6
Appoquinimink School District
Silver Lake Elementary School
Additions and Renovations – Bid Package 'A'
Page 1

January 23, 2020

The bid due date for the following Contracts remains the same with this Addendum:

A-06: Carpentry and General Work

A-09: Glass and Glazing

Bids are being received until 3:00pm on Tuesday, January 28, 2020. The location for receipt of bids remains Room 144 & 145 of the Appoquinimink School District, Marion Profitt Training Center, 118 South Sixth Street, Odessa, Delaware 19730

NOTICE: Attach this addendum to the project manual for this project. It modifies and becomes a part of the contract documents. Work or materials not specifically mentioned herein are to be described in the main body of the specifications and as shown on the drawings. Bidders shall acknowledge receipt of this addendum on the space provided on the Bid Form. Failure to do so may subject the bidder to disqualification.

Whenever this Addendum modifies a portion of the Project Manual added information is shown as **Bold** and deleted information is shown as ~~striketrough~~.

The contract documents for the above referenced project, dated December 6, 2019 are amended as follows:

GENERAL CLARIFICATIONS:

1. The deadline for questions was January 14, 2020. No further questions from bidders will be considered at this time.
2. The bid deadline for the following Contracts has passed and no additional bids will be accepted:

A-01: Demolition

A-02: Sitework

A-03: Concrete

A-04: Masonry

A-05: Structural Steel & Miscellaneous Metals

A-07: Roofing

A-08: Metal Studs & Drywall

A-10: Casework & Millwork

A-11: Folding Partitions

A-12: Painting

A-13: Acoustical Ceilings





- A-14: Flooring
- A-15: Resinous Flooring
- A-16: Ceramic Tile
- A-17: Kitchen Equipment
- A-18: Fire Protection
- A-19: Mechanical & Plumbing
- A-20: Building Management Systems
- A-21: Electrical
- A-22: Special Systems
- A-23: Structured Cable
- A-24: Testing & Balancing
- A-25: Telephone System

MODIFICATIONS TO SPECIFICATIONS:

1. Section 004100 – Bid Forms
 - a. Contract A-06 Carpentry and General Work; updated to reflect revised bid deadline.
 - b. Contract A-09 Glass and Glazing; updated to reflect revised bid deadline.
2. Section 011100 – Summary of Work; make the following pen and ink changes:
 - a. Contract A-06 – Carpentry and General Works
 - i. Add technical specification Section 055800 Architectural Column Covers.
 - ii. Add the following paragraphs:
 52. **Provide architectural metal column covers.**
3. Section 080671 – Door Hardware Schedule; Replace specification section in its entirety.
 - a. In addition, amend the hardware sets for the following doors, as indicated:
 - i. 110A REMOVE CARD READER
 - ii. 309 REMOVE CARD READER
 - iii. 323 REMOVE CARD READER
 - iv. 427B REMOVE CARD READER
 - v. 508 ADD CARD READER AND THRESHOLD
 - vi. 509 ADD CARD READER AND THRESHOLD
 - vii. 601 ADD CARD READER
 - viii. 604C ADD THUMB TURN DEADBOLT
4. Section 084113 – Aluminum Framed Entrances and Storefronts
 - a. Revise paragraph 3.3.B.1.a to read as follows:
 - a) Perform a minimum of three tests ~~in areas on~~ **select storefront assemblies** as directed by Architect.





- b. Revise paragraph 3.3.B.2.a to read as follows:
 - a) Perform a minimum of two tests ~~in areas~~ **on select storefront assemblies** as directed by Architect.

5. Section 085113 – Aluminum Windows

- a. Revise paragraph 3.3.B.4 to read as follows:
 - i. Testing extent: Three windows ~~of each type~~ as selected by Architect and a qualified independent testing and inspection agency. Windows shall be tested after perimeter sealants have cured.

MODIFICATIONS TO DRAWINGS:

1. Architectural Drawings

- a. The following sheets have been replaced in their entirety:
 - i. Sheet A50.1: Door Hardware sets.

End of Addendum No. 6



Contract: A-06: Carpentry & General Work

BID FORM

For Bids Due: January 14 ~~21~~ 28, 2020 To: Appoquinimink School District
118 South Sixth Street
Odessa, DE 19730

Name of Bidder: _____

Bidder Address: _____

Contact Name: _____ E-Mail Address: _____

Delaware Business License No.: _____ Taxpayer ID No.: _____

(Other License Nos.): _____

(A copy of Bidder's Delaware Business License must be attached to this form.)

Phone No.: () _____ - _____ Fax No.: () _____ - _____

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ _____ (\$ _____)

ALTERNATES

Alternate prices conform to applicable project specification section. Refer to specifications for a complete description of the following Alternates. An "ADD" or "DEDUCT" amount is indicated by the crossed out part that does not apply.

Alternate No. 1: Increase the Size of the Gymnasium

Add/Deduct _____ (\$ _____)

Alternate No. 2a: Change Veneer on Gymnasium (Alt. No. 1 – Base Bid)

Add/Deduct _____ (\$ _____)

Appoquinimink School District
Silver Lake Elementary School Additions & Renovations
Bid Package A

December 6, 2019
Addendum #6 – 23 JAN 2020

Alternate No. 2b: Change Veneer on Gymnasium (Alt. No. 1 – Alternate)

Add/Deduct _____ (\$ _____)

Alternate No. 3: Add Decorative Cast Stone at Windows

Add/Deduct _____ (\$ _____)

~~Alternate No. 4: Operable Windows~~

~~Add/Deduct _____ (\$ _____)~~

~~Alternate No. 5a: Change Gymnasium Floor to Wood (Alt. No. 1 – Base Bid)~~

~~Add/Deduct _____ (\$ _____)~~

~~Alternate No. 5b: Change Gymnasium Floor to Wood (Alt. No. 1 – Alternate)~~

~~Add/Deduct _____ (\$ _____)~~

~~Alternate No. 7: Add Decorative Ceilings in Common Areas~~

~~Add/Deduct _____ (\$ _____)~~

~~Alternate No. 8: Add Outdoor Classroom in the Courtyard~~

~~Add/Deduct _____ (\$ _____)~~

Alternate No. 11: Add FRP Doors/Frames at Classrooms into Courtyard

Add/Deduct _____ (\$ _____)

I/We acknowledge Addendums numbered _____ and the price(s) submitted include any cost/schedule impact they may have.

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid.

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the

**Appoquinimink School District
Silver Lake Elementary School Additions & Renovations**

Bid Package A

December 6, 2019

Addendum #6 – 23 JAN 2020

contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am / We are an Individual / a Partnership / a Corporation

By _____ Trading as _____
(Individual's / General Partner's / Corporate Name)

(State of Corporation)

Business Address: _____

Witness: _____ By: _____
(SEAL) (Authorized Signature)

(Title)

Date: _____

ATTACHMENTS

- Sub-Contractor List
- Non-Collusion Statement
- Bid Bond
- Consent of Surety
- Affidavit of Employee Drug Testing Program
- Delaware Business License
- Town of Middletown Contractor's License
- (Others as Required by Project Manuals)

SUBCONTRACTOR LIST

In accordance with Title 29, Chapter 6962 (d)(10)b Delaware Code, the following sub-contractor listing must accompany the bid submittal. The name and address of the sub-contractor must be listed for each category where the bidder intends to use a sub-contractor to perform that category of work. In order to provide full disclosure and acceptance of the bid by the Owner, **it is required that bidders list themselves as being the sub-contractor for all categories where he/she is qualified and intends to perform such work.**

<u>Subcontractor Category</u>	<u>Subcontractor</u>	<u>Address (City & State)</u>	<u>Subcontractors tax payer ID # or Delaware Business license #</u>
1. Rough Carpentry	_____	_____	_____
2. Overhead Doors	_____	_____	_____
3. Caulking	_____	_____	_____
4. Doors, Frames & Hardware	_____	_____	_____
5. Wheelchair Lift	_____	_____	_____

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date January 14, 2020.

All the terms and conditions of **Contract: A-06: Carpentry & General Work** have been thoroughly examined and are understood.

NAME OF BIDDER: _____

AUTHORIZED REPRESENTATIVE
(TYPED): _____

AUTHORIZED REPRESENTATIVE
(SIGNATURE): _____

TITLE: _____

ADDRESS OF BIDDER: _____

PHONE NUMBER: _____

Sworn to and Subscribed before me this _____ day of _____ 20_____.

My Commission expires _____. NOTARY PUBLIC _____.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

BID BOND

TO ACCOMPANY PROPOSAL
(Not necessary if security is used)

KNOW ALL MEN BY THESE PRESENTS That: _____ of _____ in the County of _____ and State of _____ as Principal, and _____ of _____ in the County of _____ and State of _____ as Surety, legally authorized to do business in the State of Delaware ("State"), are held and firmly unto the **Appoquinimink School District** in the sum of _____ Dollars (\$ _____), or percent not to exceed _____ Dollars (\$ _____) of amount of bid on Contract No. _____ to be paid to the **Appoquinimink School District** for the use and benefit of the **Appoquinimink School District** for which payment well and truly to be made, we do bind ourselves, our and each of our heirs, executors, administrators, and successors, jointly and severally for and in the whole firmly by these presents.

NOW THE CONDITION OF THIS OBLIGATION IS SUCH That if the above bounden Principal who has submitted to the **Appoquinimink School District** a certain proposal to enter into this contract for the furnishing of certain material and/or services within the State, shall be awarded this Contract, and if said Principal shall well and truly enter into and execute this Contract as may be required by the terms of this Contract and approved by the **Appoquinimink School District** this Contract to be entered into within twenty days after the date of official notice of the award thereof in accordance with the terms of said proposal, then this obligation shall be void or else to be and remain in full force and virtue.

Sealed with _____ seal and dated this _____ day of _____ in the year of our Lord two thousand and _____ (20__).

SEALED, AND DELIVERED IN THE PRESENCE OF

Name of Bidder (Organization)

Corporate Seal	By: _____ Authorized Signature
Attest _____	_____ Title
	_____ Name of Surety
Witness _____	_____ Title

CONSENT OF SURETY

DATE _____

To: **Appoquinimink School District**
118 South Sixth Street
Odessa, DE 19730

Gentlemen:

We, the _____

(Surety Company's Address)

a Surety Company authorized to do business in the State of Delaware hereby agrees that if

(Contractor)

(Address)

is awarded the Contract No. _____

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

(Surety Company)

By _____
(Attorney-in-Fact)

AFFIDAVIT
OF
EMPLOYEE DRUG TESTING PROGRAM

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors that complies with this regulation:

Contractor/Subcontractor Name: _____

Contractor/Subcontractor Address: _____

Authorized Representative (typed or printed): _____

Authorized Representative (signature): _____

Title: _____

Sworn to and Subscribed before me this _____ day of _____ 20_____.

My Commission expires _____. NOTARY PUBLIC _____.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

Contract: A-09: Glass & Glazing

BID FORM

For Bids Due: January 14 ~~21~~ 28, 2020 To: Appoquinimink School District
118 South Sixth Street
Odessa, DE 19730

Name of Bidder: _____

Bidder Address: _____

Contact Name: _____ E-Mail Address: _____

Delaware Business License No.: _____ Taxpayer ID No.: _____

(Other License Nos.): _____

(A copy of Bidder's Delaware Business License must be attached to this form.)

Phone No.: () _____ - _____ Fax No.: () _____ - _____

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ _____ (\$ _____)

ALTERNATES

Alternate prices conform to applicable project specification section. Refer to specifications for a complete description of the following Alternates. An "ADD" or "DEDUCT" amount is indicated by the crossed out part that does not apply.

Alternate No. 1: Increase the Size of the Gymnasium

Add/Deduct _____ (\$ _____)

Alternate No. 2a: Change Veneer on Gymnasium (Alt. No. 1 – Base Bid)

Add/Deduct _____ (\$ _____)

Appoquinimink School District
Silver Lake Elementary School Additions & Renovations
Bid Package A

December 6, 2019
Addendum #6 – 23 JAN 2020

Alternate No. 2b: Change Veneer on Gymnasium (Alt. No. 1 – Alternate)

Add/Deduct _____ (\$ _____)

Alternate No. 3: Add Decorative Cast Stone at Windows

Add/Deduct _____ (\$ _____)

Alternate No. 4: Operable Windows

Add/Deduct _____ (\$ _____)

Alternate No. 11: Add FRP Doors/Frames at Classrooms into Courtyard

Add/Deduct _____ (\$ _____)

I/We acknowledge Addendums numbered _____ and the price(s) submitted include any cost/schedule impact they may have.

This bid shall remain valid and cannot be withdrawn for sixty (60) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid.

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am / We are an Individual / a Partnership / a Corporation

By _____ Trading as _____
(Individual's / General Partner's / Corporate Name)

(State of Corporation)

Business Address: _____

Witness: _____ By: _____
(SEAL) (Authorized Signature)

(Title)
Date: _____

ATTACHMENTS

- Sub-Contractor List
- Non-Collusion Statement
- Bid Bond
- Consent of Surety
- Affidavit of Employee Drug Testing Program
- Delaware Business License
- Town of Middletown Contractor's License
- (Others as Required by Project Manuals)

SUBCONTRACTOR LIST

In accordance with Title 29, Chapter 6962 (d)(10)b Delaware Code, the following sub-contractor listing must accompany the bid submittal. The name and address of the sub-contractor must be listed for each category where the bidder intends to use a sub-contractor to perform that category of work. In order to provide full disclosure and acceptance of the bid by the Owner, **it is required that bidders list themselves as being the sub-contractor for all categories where he/she is qualified and intends to perform such work.**

<u>Subcontractor Category</u>	<u>Subcontractor</u>	<u>Address (City & State)</u>	<u>Subcontractors tax payer ID # or Delaware Business license #</u>
1. Exterior Systems	_____	_____	_____
2. Interior Systems	_____	_____	_____
3. Caulking	_____	_____	_____

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date January 14, 2020.

All the terms and conditions of **Contract: A-09: Glass & Glazing** have been thoroughly examined and are understood.

NAME OF BIDDER: _____

AUTHORIZED REPRESENTATIVE
(TYPED): _____

AUTHORIZED REPRESENTATIVE
(SIGNATURE): _____

TITLE: _____

ADDRESS OF BIDDER: _____

PHONE NUMBER: _____

Sworn to and Subscribed before me this _____ day of _____ 20_____.

My Commission expires _____ NOTARY PUBLIC _____.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

BID BOND

TO ACCOMPANY PROPOSAL
(Not necessary if security is used)

KNOW ALL MEN BY THESE PRESENTS That: _____ of
_____ in the County of _____ and State of _____ as
Principal, and _____ of _____ in the County of _____
_____ and State of _____ as Surety, legally authorized to do business in the State of Delaware
("State"), are held and firmly unto the **Appoquinimink School District** in the sum of _____
Dollars (\$ _____), or percent not to exceed _____
_____ Dollars (\$ _____) of amount of bid on Contract No. _____ to be paid to the
Appoquinimink School District for the use and benefit of the **Appoquinimink School District** for which payment well
and truly to be made, we do bind ourselves, our and each of our heirs, executors, administrators, and successors, jointly
and severally for and in the whole firmly by these presents.

NOW THE CONDITION OF THIS OBLIGATION IS SUCH That if the above bounden Principal who has submitted to the
Appoquinimink School District a certain proposal to enter into this contract for the furnishing of certain material and/or
services within the State, shall be awarded this Contract, and if said Principal shall well and truly enter into and execute
this Contract as may be required by the terms of this Contract and approved by the **Appoquinimink School District** this
Contract to be entered into within twenty days after the date of official notice of the award thereof in accordance with the
terms of said proposal, then this obligation shall be void or else to be and remain in full force and virtue.

Sealed with _____ seal and dated this ____ day of _____ in the year of our Lord two thousand
and _____ (20__).

SEALED, AND DELIVERED IN THE PRESENCE OF

Name of Bidder (Organization)

Corporate Seal	By: _____ Authorized Signature
Attest _____	_____ Title
Witness _____	_____ Name of Surety
	_____ Title

CONSENT OF SURETY

DATE _____

To: **Appoquinimink School District**
118 South Sixth Street
Odessa, DE 19730

Gentlemen:

We, the _____

(Surety Company's Address)

a Surety Company authorized to do business in the State of Delaware hereby agrees that if

(Contractor)

(Address)

is awarded the Contract No. _____

We will write the required Performance and/or Labor and Material Bond required by Paragraph 9 of the Instructions to Bidders.

(Surety Company)

By _____
(Attorney-in-Fact)

AFFIDAVIT
OF
EMPLOYEE DRUG TESTING PROGRAM

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite, including subcontractors that complies with this regulation:

Contractor/Subcontractor Name: _____

Contractor/Subcontractor Address: _____

Authorized Representative (typed or printed): _____

Authorized Representative (signature): _____

Title: _____

Sworn to and Subscribed before me this _____ day of _____ 20_____.

My Commission expires _____ NOTARY PUBLIC _____.

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

SECTION 080671 – DOOR HARDWARE SCHEDULE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section references specification sections relating to commercial door hardware for the following:

- 1. Swinging doors.
- 2. Sliding Doors.
- 3. Other doors to the extent indicated.

- B. Commercial door hardware includes, but is not necessarily limited to, the following:

- 1. Mechanical door hardware.
- 2. Electromechanical and access control door hardware.
- 3. Electromechanical and access control door hardware power supplies, back-ups and surge protection.
- 4. Automatic operators.
- 5. Cylinders specified for doors in other sections.

- C. Related Sections:

- 1. Division 01 Section “Cash Allowances”.
- 2. Division 01 Section “Product Allowances”.
- 3. Division 08 Section “Hollow Metal Doors and Frames”.
- 4. Division 08 Section “Stile and Rail Wood Doors”.
- 5. Division 08 Section “Integrated Door Opening Assemblies”.
- 6. Division 08 Section “All-Glass Entrances”.
- 7. Division 08 Section “Door Hardware”.
- 8. Division 08 Section “Access Control Hardware”.

- D. Codes and References: Comply with the version year adopted by the Authority Having Jurisdiction.

- 1. ANSI A117.1 - Accessible and Usable Buildings and Facilities.
- 2. ICC/IBC - International Building Code.
- 3. NFPA 70 - National Electrical Code.

4. NFPA 80 - Fire Doors and Windows.
 5. NFPA 101 - Life Safety Code.
 6. NFPA 105 - Installation of Smoke Door Assemblies.
 7. State Building Codes, Local Amendments.
- E. Standards: Reference Related Sections for requirements regarding compliance with applicable industry standards.

1.3 SUBMITTALS

- A. Product Data: Manufacturer's product data sheets including installation details, material descriptions, dimensions of individual components and profiles, operational descriptions and finishes.
- B. Door Hardware Schedule: Prepared by or under the supervision of supplier, detailing fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final Door Hardware Schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.
1. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule."
 2. Organization: Organize the Door Hardware Schedule into door hardware sets indicating complete designations of every item required for each door or opening. Organize door hardware sets in same order as in the Door Hardware Sets at the end of Part 3. Submittals that do not follow the same format and order as the Door Hardware Sets will be rejected and subject to resubmission.
 3. Content: Include the following information:
 - a. Type, style, function, size, label, hand, and finish of each door hardware item.
 - b. Manufacturer of each item.
 - c. Fastenings and other pertinent information.
 - d. Location of door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.
 - e. Explanation of abbreviations, symbols, and codes contained in schedule.
 - f. Mounting locations for door hardware.
 - g. Door and frame sizes and materials.
 4. Submittal Sequence: Submit the final Door Hardware Schedule at earliest possible date, particularly where approval of the Door Hardware Schedule must precede fabrication of other work that is critical in the Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the Door Hardware Schedule.
- C. Keying Schedule: Prepared under the supervision of the Owner, separate schedule detailing final keying instructions for locksets and cylinders in writing. Include keying system explanation, door numbers, key set symbols, hardware set numbers and special instructions. Owner to approve submitted keying schedule prior to the ordering of permanent cylinders.

- D. Product Test Reports: Indicating compliance with cycle testing requirements, based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified independent testing agency.
- E. Operating and Maintenance Manuals: Provide manufacturers operating and maintenance manuals for each item comprising the complete door hardware installation in quantity as required in Division 01, Closeout Submittals. The manual to include the name, address, and contact information of the manufacturers providing the hardware and their nearest service representatives. The final copies delivered after completion of the installation test to include "as built" modifications made during installation, checkout, and acceptance.
- F. Warranties and Maintenance: Special warranties and maintenance agreements specified in the Related Sections.

1.4 QUALITY ASSURANCE

- A. Manufacturers Qualifications: Engage qualified manufacturers with a minimum [5] years of documented experience in producing hardware and equipment similar to that indicated for this Project and that have a proven record of successful in-service performance.
- B. Installer Qualifications: Installers, trained by the primary product manufacturers, with a minimum [3] years documented experience installing both standard and electrified builders hardware similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.
- C. Door Hardware Supplier Qualifications: Experienced commercial door hardware distributors with a minimum [5] years documented experience supplying both mechanical and electromechanical hardware installations comparable in material, design, and extent to that indicated for this Project. Supplier recognized as a factory direct distributor in good standing by the manufacturers of the primary materials with a warehousing facility in Project's vicinity. Supplier to have on staff a certified Architectural Hardware Consultant (AHC) available during the course of the Work to consult with Contractor, Architect, and Owner concerning both standard and electromechanical door hardware and keying.
- D. Source Limitations: Obtain each type and variety of Door Hardware specified in the Related Sections from a single source, qualified supplier unless otherwise indicated.
- E. Regulatory Requirements: Comply with NFPA 70, NFPA 80, NFPA 101 and ANSI A117.1 requirements and guidelines as directed in the applicable model building code.
- F. Pre-Submittal Conference: Conduct coordination conference in compliance with requirements in Division 01 Section "Project Meetings" with attendance by representatives of Supplier(s), Installer(s), and Contractor(s) to review proper methods and the procedures for receiving, handling, and installing door hardware.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Inventory door hardware on receipt and provide secure lock-up and shelving for door hardware delivered to Project site. Do not store electronic access control hardware, software or accessories at Project site without prior authorization.
- B. Tag each item or package separately with identification related to the final Door Hardware Schedule, and include basic installation instructions with each item or package.
- C. Deliver, as applicable, permanent keys, cylinders, cores, access control credentials, software and related accessories directly to Owner via registered mail or overnight package service. Instructions for delivery to the Owner shall be established at the "Keying Conference".

1.6 COORDINATION

- A. Templates: Obtain and distribute to the parties involved templates for doors, frames, and other work specified to be factory prepared for installing standard and electrified hardware. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing hardware to comply with indicated requirements.
- B. Door and Frame Preparation: Division 08 Sections (Steel, Aluminum and Wood) doors and corresponding frames are to be prepared, reinforced and pre-wired (if applicable) to receive the installation of the specified electrified, monitoring, signaling and access control system hardware without additional in-field modifications.

1.7 WARRANTY

- A. General Warranty: Reference Division 01, General Requirements. Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.

1.8 MAINTENANCE SERVICE

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

PART 2 - PRODUCTS

2.1 SCHEDULED DOOR HARDWARE

- A. Refer to "PART 3 – EXECUTION" for required specification sections.

PART 3 - EXECUTION

3.1 DOOR HARDWARE SETS

- A. The door hardware sets represent the design intent and direction of the owner and architect. They are a guideline only and should not be considered a detailed hardware schedule. Discrepancies, conflicting hardware and missing items should be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application and functionality.
- B. The supplier is responsible for handing and sizing all products and providing the correct option for the appropriate door type and material where more than one is presented in the hardware sets. Quantities listed are for each pair of doors, or for each single door.
- C. Products listed in the hardware sets shall be supplied by and in accordance with the requirements described in the specification section as noted for each item.
1. Section 01 21 13 – Cash Allowances.
 2. Section 01 21 26 – Product Allowances.
 3. Section 08 71 00 – Door Hardware.
 4. Section 28 15 00 – Campus Access Control Hardware Devices.
 5. Section 28 15 00 – Access Control Hardware Devices.
 6. Section 28 15 10 – Multi-Family Access Control.
- D. Manufacturer's Abbreviations:
1. MK - McKinney
 2. MR - Markar
 3. RF - Rixson
 4. RO - Rockwood
 5. RU - Corbin Russwin
 6. IV - Ives
 7. RI - RITE Door
 8. NO - Norton
 9. PE - Pemko
 10. SU - Securitron
 11. OT - OTHER

Hardware Sets

Set: 1.0

Doors: 129, 132B, 301B, 600

2	Pivot Set	147	626	RF 087100	
2	Electrified Int. Pivot	EM19 QC	626	RF 087100	⚡
1	Removable Mullion	CR900BKM C6 MK		RU 087100	
1	Exit Device (card reader)	ED5200(A)N 1259605ET-SELP10 C6 MK	630	RU 087100	⚡
1	Exit Device (exit only)	ED5200(A) EO M92	630	RU 087100	⚡
2	Overhead Stop	1-X36 (heavy duty concealed)	630	RF 087100	
2	Surface Closer	(P)7500 M	689	NO 087100	
2	Closer Plates	as required	689	NO 087100	
1	Threshold	274x4AFG MSES25SS		PE 087100	
1	Gasketing	by door supplier			
4	ElectroLynx Harness	QC-C (as needed)		M K 087100	⚡
1	Door Position Switch	DPS2-M/W-BK		SU 087100	⚡
1	Power Supply	AQD4-8C8R2		SU 087100	⚡
1	Wiring Diagrams	elevation and point-to-point (as required)			

Notes:

- Opening(s) normally closed and locked.
- Use of valid credential to unlock lever trim to allow entry.
- Free egress always allowed from interior. Exit device trim is fail secure.
- Coordinate required stile width with aluminum door supplier.
- Coordinate amperage for all openings and consolidate the number power supplies as able.

Set: 2.0

Doors: 100A, 103A, 501A

2	Pivot Set	147	626	RF 087100	
2	Electrified Int. Pivot	EM19 QC	626	RF 087100	⚡

1	Removable Mullion	CR900BKM C6 MK		RU 087100	
1	Exit Device (card reader)	ED5200(A)N 1259605ET-SELP10 C6 MK	630	RU 087100	⚡
1	Exit Device (exit only)	ED5200(A) EO M92	630	RU 087100	⚡
2	Overhead Stop	1-X36 (heavy duty concealed)	630	RF 087100	
2	Surface Closer	7500H M (hold open)	689	NO 087100	
2	Closer Plates	as required	689	NO 087100	
1	Threshold	274x4AFG MSES25SS		PE 087100	
1	Gasketing	by door supplier			
4	ElectroLynx Harness	QC-C (as needed)		M K 087100	⚡
1	Door Position Switch	DPS2-M/W-BK		SU 087100	⚡
1	Power Supply	AQD4-8C8R2		SU 087100	⚡
1	Wiring Diagrams	elevation and point-to-point (as required)			

Notes:

- Opening(s) normally closed and locked.
- Use of valid credential to unlock lever trim to allow entry.
- Free egress always allowed from interior. Exit device trim is fail secure.
- Coordinate required stile width with aluminum door supplier.
- Coordinate amperage for all openings and consolidate the number power supplies as able.

Set: 3.0

NOT USED

Set: 4.0

Doors: 100B, 501B

2	Pivot Set	147	626	RF 087100	
2	Electrified Int. Pivot	EM19 QC	626	RF 087100	⚡
1	Removable Mullion	CR900BKM C6 MK		RU 087100	
2	Exit Device (exit only)	ED5200(A) EO M92	630	RU 087100	⚡

2	Overhead Stop	1-X36 (heavy duty concealed)	630	RF 087100	
2	Surface Closer	7500H M (hold open)	689	NO 087100	
2	Closer Plates	as required	689	NO 087100	
1	Threshold	274x4AFG MSES25SS		PE 087100	
1	Gasketing	by door supplier			
2	Door Position Switch	DPS2-M/W-BK		SU 087100	⚡

Set: 4.1

Doors: 102

1	Pivot Set	147	626	RF 087100	
1	Electrified Int. Pivot	EM19 QC	626	RF 087100	⚡
1	Exit Device (exit only)	ED5200(A) EO M92	630	RU 087100	⚡
1	Overhead Stop	1-X36 (heavy duty concealed)	630	RF 087100	
1	Surface Closer	7500H M (hold open)	689	NO 087100	
1	Closer Plates	as required	689	NO 087100	
1	Threshold	274x4AFG MSES25SS		PE 087100	
1	Gasketing	by door supplier			
1	Door Position Switch	DPS2-M/W-BK		SU 087100	⚡

Set: 4.2

Doors: 403, 502D

1	Pivot Set	147	626	RF 087100	
1	Electrified Int. Pivot	EM19 QC	626	RF 087100	⚡
1	Exit Device (exit only)	ED5200(A) EO M92	630	RU 087100	⚡
1	Overhead Stop	1-X36 (heavy duty concealed)	630	RF 087100	
1	Surface Closer	(P)7500 M	689	NO 087100	
1	Closer Plates	as required	689	NO 087100	
1	Threshold	274x4AFG MSES25SS		PE 087100	
1	Gasketing	by door supplier			
1	Door Position Switch	DPS2-M/W-BK		SU 087100	⚡

Set: 5.0

Doors: 300A, 301A, 329B

4	Hinge (heavy weight)	T4A3386 NRP FT	US32D	M K	087100	
2	Hinge (heavy weight)	T4A3386 NRP QC FT	US32D	M K	087100	⚡
1	Removable Mullion	CR900BKM C6 MK		RU	087100	
1	Exit Device (card reader)	ED5200(A)N 1259605ET-SELP10 C6 MK	630	RU	087100	⚡
1	Exit Device (exit only)	ED5200(A) EO M92	630	RU	087100	⚡
2	Overhead Stop	1-X36 (heavy duty concealed)	630	RF	087100	
2	Surface Closer	(P)7500 M	689	NO	087100	
2	Kick Plate	K1050 10" CSK BEV	US32D	RO	087100	
1	Threshold	274x4AFG MSES25SS		PE	087100	
1	Gasketing	29313CPK TKSP8		PE	087100	
2	Door Bottom	217AV TKSP8		PE	087100	
1	Astragal	29324CNB TKSP8		PE	087100	
4	ElectroLynx Harness	QC-C (as needed)		M K	087100	⚡
1	Door Position Switch	DPS2-M/W-BK		SU	087100	⚡
1	Power Supply	AQD4-8C8R2		SU	087100	⚡
1	Wiring Diagrams	elevation and point-to-point (as required)				

Notes:

- Opening(s) normally closed and locked.
- Use of valid credential to unlock lever trim to allow entry.
- Free egress always allowed from interior. Exit device trim is fail secure.
- Coordinate required stile width with aluminum door supplier.
- Coordinate amperage for all openings and consolidate the number power supplies as able.

Set: 6.0

Doors: 329A

5	Hinge (heavy weight)	T4A3386 NRP FT	US32D	M K	087100	
---	----------------------	----------------	-------	--------	--------	--

1	Hinge (heavy weight)	T4A3386 NRP QC FT	US32D	M K	087100	⚡
1	Removable Mullion	CR900BKM C6 MK		RU	087100	
1	Exit Device (card reader)	ED5200(A)N 1259605ET-SELP10 C6 MK	630	RU	087100	⚡
1	Exit Device (exit only)	ED5200(A) EO M92	630	RU	087100	⚡
2	Overhead Stop	1-X36 (heavy duty concealed)	630	RF	087100	
2	Surface Closer	7500H M (hold open)	689	NO	087100	
2	Kick Plate	K1050 10" CSK BEV	US32D	RO	087100	
1	Threshold	274x4AFG MSES25SS		PE	087100	
1	Gasketing	29313CPK TKSP8		PE	087100	
2	Door Bottom	217AV TKSP8		PE	087100	
1	Astragal	29324CNB TKSP8		PE	087100	
2	ElectroLynx Harness	QC-C (as needed)		M K	087100	⚡
2	Door Position Switch	DPS2-M/W-BK		SU	087100	⚡
1	Power Supply	AQD4-8C8R2		SU	087100	⚡
1	Wiring Diagrams	elevation and point-to-point (as required)				

Notes:

- Opening(s) normally closed and locked.
- Use of valid credential to unlock lever trim to allow entry.
- Free egress always allowed from interior. Exit device trim is fail secure.
- Coordinate required stile width with aluminum door supplier.
- Coordinate amperage for all openings and consolidate the number power supplies as able.

Set: 7.0

Doors: 119, 204, 213, 309, 323

2	Hinge (heavy weight)	T4A3386 NRP FT	US32D	M K	087100	
1	Hinge (heavy weight)	T4A3386 NRP QC FT	US32D	M K	087100	⚡
1	Exit Device (card reader)	ED5200(A)N 1259605ET-SELP10 C6 MK	630	RU	087100	⚡
1	Surface Closer	(P)7500 M	689	NO	087100	

1	Kick Plate	K1050 10" CSK BEV	US32D	RO	087100	
1	Door Stop	RM861/RM855	US26D	RO	087100	
1	Threshold	274x4AFG MSES25SS		PE	087100	
1	Gasketing	29313CPK TKSP8		PE	087100	
1	Door Bottom	217AV TKSP8		PE	087100	
2	ElectroLynx Harness	QC-C (as needed)		M K	087100	⚡
1	Power Supply	AQD4-8C8R2		SU	087100	⚡
1	Wiring Diagrams	elevation and point-to-point (as required)				

Notes:

- Opening(s) normally closed and locked.
- Use of valid credential to unlock lever trim to allow entry.
- Free egress always allowed from interior. Exit device trim is fail secure.
- Coordinate amperage for all openings and consolidate the number power supplies as able.

Set: 8.0

Doors: 110A, 120, 123C, 427B

2	Hinge	TA2314 NRP FT	US32D	M K	087100	
1	Hinge	TA2314 NRP QC FT	US32D	M K	087100	⚡
1	Access Control Mort Lock	ML20606 x SELP10-SEC 125X C6 MK	626	RU	087100	⚡
1	Surface Closer	(P)7500 M	689	NO	087100	
1	Kick Plate	K1050 10" CSK BEV	US32D	RO	087100	
1	Door Stop	RM861/RM855	US26D	RO	087100	
1	Threshold	274x4AFG MSES25SS		PE	087100	
1	Gasketing	29313CPK TKSP8		PE	087100	
1	Door Bottom	217AV TKSP8		PE	087100	
2	ElectroLynx Harness	QC-C (as needed)		M K	087100	⚡
1	Power Supply	AQD4-8C8R2		SU	087100	⚡
1	Wiring Diagrams	elevation and point-to-point (as required)				

Notes:

- Opening(s) normally closed and locked.
- Use of valid credential to unlock lever trim to allow entry.
- Lockset is fail-secure; will remain locked without power.

- Free egress always allowed from interior.
- Coordinate amperage for all openings and consolidate the number power supplies as able.

Set: 9.0

Doors: 220B, 223B

2	Hinge	TA2314 NRP FT	US32D	M K	087100	
1	Hinge	TA2314 NRP QC FT	US32D	M K	087100	⚡
1	Access Control Mort Lock	ML20606 x SELP10-SEC 125X C6 MK	626	RU	087100	⚡
1	Overhead Stop	1-X36 (heavy duty concealed)	630	RF	087100	
1	Surface Closer	(P)7500 M	689	NO	087100	
1	Kick Plate	K1050 10" CSK BEV	US32D	RO	087100	
1	Threshold	274x4AFG MSES25SS		PE	087100	
1	Gasketing	29313CPK TKSP8		PE	087100	
1	Door Bottom	217AV TKSP8		PE	087100	
2	ElectroLynx Harness	QC-C (as needed)		M K	087100	⚡
1	Power Supply	AQD4-8C8R2		SU	087100	⚡
1	Wiring Diagrams	elevation and point-to- point (as required)				

Notes:

- Opening(s) normally closed and locked.
- Use of valid credential to unlock lever trim to allow entry.
- Lockset is fail-secure; will remain locked without power.
- Free egress always allowed from interior.
- Coordinate amperage for all openings and consolidate the number power supplies as able.

Set: 10.0

Doors: 101A

2	Pivot Set	147	626	RF	087100	
2	Electrified Int. Pivot	EM19 QC	626	RF	087100	⚡
1	Removable Mullion	CR900BKM C6 MK		RU	087100	
1	Exit Device (card reader)	ED5200(A)N 1259605ET-SELP10 C6 MK	630	RU	087100	⚡

1	Exit Device (exit only)	ED5200(A) EO M92	630	RU 087100	⚡
2	Overhead Stop	1-X36 (heavy duty concealed)	630	RF 087100	
2	Surface Closer	7500H M (hold open)	689	NO 087100	
2	Closer Plates	as required	689	NO 087100	
4	ElectroLynx Harness	QC-C (as needed)		M K 087100	⚡
1	Door Position Switch	DPS2-M/W-BK		SU 087100	⚡
1	Power Supply	AQD4-8C8R2		SU 087100	⚡
1	Wiring Diagrams	elevation and point-to-point (as required)			

Notes:

- Opening(s) normally closed and locked.
- Use of valid credential to unlock lever trim to allow entry.
- Free egress always allowed from interior. Exit device trim is fail secure.
- Coordinate required stile width with aluminum door supplier.
- Coordinate amperage for all openings and consolidate the number power supplies as able.

Set: 11.0

Doors: 101B

2	Pivot Set	147	626	RF 087100	
2	Electrified Int. Pivot	EM19 QC	626	RF 087100	⚡
1	Removable Mullion	CR900BKM C6 MK		RU 087100	
2	Exit Device (exit only)	ED5200(A) EO M92	630	RU 087100	⚡
2	Overhead Stop	1-X36 (heavy duty concealed)	630	RF 087100	
2	Surface Closer	7500H M (hold open)	689	NO 087100	
2	Closer Plates	as required	689	NO 087100	
4	ElectroLynx Harness	QC-C (as needed)		M K 087100	⚡
1	Door Position Switch	DPS2-M/W-BK		SU 087100	⚡

Set: 12.0

Doors: 502A, 502B

2	Pivot Set	147	626	RF 087100	
2	Intermediate Pivot	M19	626	RF 087100	
4	Door Pull	RM3311-50	US32D	RO 087100	
2	Overhead Stop	1-X36 (heavy duty concealed)	630	RF 087100	
2	Surface Closer	7500H M (hold open)	689	NO 087100	
2	Closer Plates	as required	689	NO 087100	
2	Sign	RM1110H (PUSH)	US32D	RO 087100	
2	Sign	RM1110L (PULL)	US32D	RO 087100	
2	Exit Device (exit only)	ED5200(A) EO M92	630	RU 087100	⚡

Set: 13.0

Doors: 104C, 104D

6	Hinge (heavy weight)	T4A3786 FT	US26D	M K 087100	
1	Removable Mullion	CR900BKM C6 MK		RU 087100	
2	Exit Device (passage)	ED5200(A) 125910ET	630	RU 087100	
2	Surface Closer	(P)7500 M	689	NO 087100	
2	Kick Plate	K1050 10" CSK BEV	US32D	RO 087100	
2	Door Stop	RM861/RM855	US26D	RO 087100	
1	Gasketing	S44BL (rated openings)		PE 087100	
1	Astragal	29324CNB TKSP8 (rated openings)		PE 087100	
2	Silencer	608 (non-rated openings)		RO 087100	

Set: 13.1

Doors: 104A

6	Hinge (heavy weight)	T4A3786 FT	US26D	M K 087100	
1	Removable Mullion	CR900BKM C6 MK		RU 087100	
2	Exit Device (classroom security)	ED5202(A) 125955ET C6 MK	630	RU 087100	
2	Surface Closer	(P)7500 M	689	NO 087100	
2	Kick Plate	K1050 10" CSK BEV	US32D	RO 087100	

2	Electromagnetic Holder	D-MDH-310	689	RI 081700	⚡
1	Gasketing	S44BL (rated openings)		PE 087100	
1	Astragal	29324CNB TKSP8 (rated openings)		PE 087100	
2	Silencer	608 (non-rated openings)		RO 087100	

Set: 13.2

Doors: 502C

4	Hinge (heavy weight)	T4A3786 FT	US26D	M K 087100	
2	Hinge (heavy weight)	T4A3386 NRP QC FT	US32D	MK 087100	⚡
1	Removable Mullion	CR900BKM C6 MK		RU 087100	
1	Exit Device (card reader)	ED5200(A)N 1259605ET-SELP10 C6 MK	630	RU 087100	⚡
1	Exit Device (exit only)	ED5200(A) EO M92	630	RU 087100	⚡
2	Surface Closer	(P)7500 M	689	NO 087100	
2	Kick Plate	K1050 10" CSK BEV	US32D	RO 087100	
2	Door Stop	RM861/RM855	US26D	RO 087100	
1	Gasketing	S44BL (rated openings)		PE 087100	
1	Astragal	29324CNB TKSP8 (rated openings)		PE 087100	
2	Silencer	608 (non-rated openings)		RO 087100	
4	ElectroLynx Harness	QC-C (as needed)		MK 087100	⚡
1	Door Position Switch	DPS2-M/W-BK		SU 087100	⚡
1	Power Supply	AQD4-8C8R2		SU 087100	⚡
1	Wiring Diagrams	elevation and point-to-point (as required)			

Set: 14.0

Doors: 132A

3	Hinge (heavy weight)	T4A3786 FT	US26D	M K 087100	
1	Removable Mullion	CR900BKM C6 MK		RU 087100	

1	Exit Device (classroom security)	ED5202(A) 125955ET C6 MK	630	RU 087100
1	Surface Closer	(P)7500 M	689	NO 087100
1	Kick Plate	K1050 10" CSK BEV	US32D	RO 087100
1	Door Stop	RM861/RM855	US26D	RO 087100
1	Gasketing	S44BL (rated openings)		PE 087100
3	Silencer	608 (non-rated openings)		RO 087100

Set: 15.0

Doors: 225, 226, 429, 620

2	Continuous Hinge	FM200		MR 087100
2	Recessed Exit	D3676	US32D	RI 081700
2	Trim	D3080-NJ	US32D	RI 081700
2	Surface Closer	D-DC-351P9	EN	RI 081700
2	Electromagnetic Holder	D-MDH-310	689	RI 081700 ⚡
2	Exit Device (exit only)	ED5200(A) EO M92	630	RU 087100 ⚡

Set: 16.0

Doors: 104B

3	Hinge (heavy weight)	T4A3786 FT	US26D	M K 087100
1	Exit Device (passage)	ED5200(A) 125910ET	630	RU 087100
1	Surface Closer	(P)7500 M	689	NO 087100
1	Kick Plate	K1050 10" CSK BEV	US32D	RO 087100
1	Door Stop	RM861/RM855	US26D	RO 087100
1	Gasketing	S44BL (rated openings)		PE 087100
3	Silencer	608 (non-rated openings)		RO 087100

Set: 17.0

Doors: 334

5	Hinge	TA2714 FT	US26D	M K 087100
---	-------	-----------	-------	---------------

1	Hinge	TA2714 QC FT	US26D	M K	087100	⚡
2	Flush Bolt	555/557	US26D	RO	087100	
1	Dust Proof Strike	570	US26D	RO	087100	
1	Access Control Mort Lock	ML20606 x SELP10-SEC 125X C6 MK	626	RU	087100	⚡
2	Overhead Stop	10-X36 (surface)	630	RF	087100	
2	Kick Plate	K1050 10" CSK BEV	US32D	RO	087100	
2	Silencer	608		RO	087100	
2	ElectroLynx Harness	QC-C (as needed)		M K	087100	⚡
1	Power Supply	AQD4-8C8R2		SU	087100	⚡
1	Wiring Diagrams	elevation and point-to- point (as required)				

Notes:

- Opening(s) normally closed and locked.
- Use of valid credential to unlock lever trim to allow entry.
- Lockset is fail-secure; will remain locked without power.
- Free egress always allowed from interior.
- Coordinate amperage for all openings and consolidate the number power supplies as able.

Set: 18.0

Doors: 110B, 131, 424, 604A, 604B, 604C, 607B

2	Hinge	TA2714 FT	US26D	M K	087100	
1	Hinge	TA2714 QC FT	US26D	M K	087100	⚡
1	Access Control Mort Lock	ML20606 x SELP10-SEC 125X C6 MK	626	RU	087100	⚡
1	Surface Closer	(P)7500 M	689	NO	087100	
1	Kick Plate	K1050 10" CSK BEV	US32D	RO	087100	
1	Door Stop	RM861/RM855	US26D	RO	087100	
1	Gasketing	S44BL (rated openings)		PE	087100	
3	Silencer	608 (non-rated openings)		RO	087100	
1	ElectroLynx Harness	QC-C (as needed)		M K	087100	⚡
1	Power Supply	AQD4-8C8R2		SU	087100	⚡
1	Wiring Diagrams	elevation and point-to- point (as required)				

Notes:

- Opening(s) normally closed and locked.
- Use of valid credential to unlock lever trim to allow entry.
- Lockset is fail-secure; will remain locked without power.
- Free egress always allowed from interior.
- Coordinate amperage for all openings and consolidate the number power supplies as able.

Set: 19.0

Doors: 103B, 109A, 109B

6	Hinge	TA2714 FT	US26D	M K	087100
1	Flush Bolt (set)	2845/2945 (combination)	US26D	RO	087100
2	Dust Proof Strike	570	US26D	RO	087100
1	Storeroom Lock	ML2057 125X C6 MK	626	RU	087100
1	Coordinator	2600 TORX	Black	RO	087100
2	Surface Closer	(P)7500 M	689	NO	087100
2	Kick Plate	K1050 10" CSK BEV	US32D	RO	087100
2	Door Stop	RM861/RM855	US26D	RO	087100
1	Gasketing	S44BL (rated openings)		PE	087100
1	Astragal	29324CNB TKSP8 (rated openings)		PE	087100
2	Silencer	608 (non-rated openings)		RO	087100

Set: 20.0

Doors: 106, 107, 108, 112, 117, 121A, 125, 128, 208B, 217B, 415, 610, 612

3	Hinge	TA2714 FT	US26D	M K	087100
1	Storeroom Lock	ML2057 125X C6 MK	626	RU	087100
1	Kick Plate	K1050 10" CSK BEV	US32D	RO	087100
1	Door Stop	RM861/RM855	US26D	RO	087100
3	Silencer	608		RO	087100

Set: 21.0

Doors: 205, 311, 321, 406

3	Hinge	TA2714 FT	US26D	M K	087100
1	Storeroom Lock	ML2057 125X C6 MK	626	RU	087100
1	Overhead Stop	10-X36 (surface)	630	RF	087100

1	Kick Plate	K1050 10" CSK BEV	US32D	RO 087100
3	Silencer	608		RO 087100

Set: 22.0

Doors: 103C, 122A, 123B, 134B, 135A, 206, 207, 215, 216, 219, 220A, 221, 222, 223A, 224, 304, 305, 308, 310, 317, 322, 324, 327, 328, 330, 331, 335, 336, 404, 405, 412A, 412B, 416B, 426, 427A, 428, 601, 614

3	Hinge	TA2714 FT	US26D	M K 087100
1	Storeroom Lock	ML2057 125X C6 MK	626	RU 087100
1	Surface Closer	(P)7500 M	689	NO 087100
1	Kick Plate	K1050 10" CSK BEV	US32D	RO 087100
1	Door Stop	RM861/RM855	US26D	RO 087100
1	Gasketing	S44BL (rated openings)		PE 087100
3	Silencer	608 (non-rated openings)		RO 087100

Set: 23.0

Doors: 118A, 123A, 133, 302, 303, 417, 419, 420, 421, 422, 504, 602A, 602B, 606

3	Hinge	TA2714 FT	US26D	M K 087100
1	Office Lock	ML2051 125X C6 MK	626	RU 087100
1	Kick Plate	K1050 10" CSK BEV	US32D	RO 087100
1	Door Stop	RM861/RM855	US26D	RO 087100
3	Silencer	608		RO 087100

Set: 24.0

Doors: 130

6	Hinge	TA2714 FT	US26D	M K 087100
2	Flush Bolt	555/557	US26D	RO 087100
1	Dust Proof Strike	570	US26D	RO 087100
1	Classroom Lock	ML2055 125X C6 MK	626	RU 087100
2	Kick Plate	K1050 10" CSK BEV	US32D	RO 087100
2	Door Stop	RM861/RM855	US26D	RO 087100
2	Silencer	608		RO 087100

Set: 25.0

Doors: 306B, 326B, 332A, 332B, 401B, 505, 607A, 608

3	Hinge	TA2714 FT	US26D	M K	087100
1	Classroom Lock	ML2055 125X C6 MK	626	RU	087100
1	Kick Plate	K1050 10" CSK BEV	US32D	RO	087100
1	Door Stop	RM861/RM855	US26D	RO	087100
3	Silencer	608		RO	087100

Set: 25.1

Doors: 134A, 135B,

3	Hinge	TA2714 FT	US26D	MK	087100
1	Classroom Lock	ML2055 125X C6 MK	626	RU	087100
1	Kick Plate	K1050 10" CSK BEV	US32D	RO	087100
1	Door Stop	RM861/RM855	US26D	RO	087100
1	Thumb-turn deadbolt	TBD	TDB		
3	Silencer	608		RO	087100

Set: 26.0

Doors: 413, 414, 423, 425

3	Hinge	TA2714 FT	US26D	M K	087100
1	Classroom Lock	ML2055 125X C6 MK	626	RU	087100
1	Overhead Stop	10-X36 (surface)	630	RF	087100
1	Kick Plate	K1050 10" CSK BEV	US32D	RO	087100
3	Silencer	608		RO	087100

Set: 27.0

Doors: 503

6	Hinge	TA2714 FT	US26D	M K	087100
2	Flush Bolt	555/557	US26D	RO	087100
1	Dust Proof Strike	570	US26D	RO	087100
1	Classroom Intruder Lock	ML2052 125X C6 MK	626	RU	087100
2	Overhead Stop	10-X36 (surface)	630	RF	087100
2	Kick Plate	K1050 10" CSK BEV	US32D	RO	087100
2	Silencer	608 (non-rated openings)		RO	087100

Set: 28.0

Doors: 208A, 209, 217A, 218, 306A, 307, 315, 316, 325, 326A, 401A, 402, 410, 411, 416A

3	Hinge	TA2714 FT	US26D	M K	087100
1	Classroom Intruder Lock	ML2052 125X C6 MK	626	RU	087100
1	Kick Plate	K1050 10" CSK BEV	US32D	RO	087100
1	Door Stop	RM861/RM855	US26D	RO	087100
3	Silencer	608		RO	087100

Set: 29.0

Doors: 114, 203, 212, 312, 320, 333, 407, 506, 507, 609, 613

3	Hinge	TA2714 FT	US26D	M K	087100
1	Privacy Lock	ML2020 125X M19V	626	RU	087100
1	Kick Plate	K1050 10" CSK BEV	US32D	RO	087100
1	Door Stop	RM861/RM855	US26D	RO	087100
3	Silencer	608		RO	087100
1	Coat Hook	RM802	US26D	RO	087100

Set: 30.0

Doors: 124, 214, 508, 509

3	Hinge	TA2714 FT	US26D	M K	087100
1	Privacy Lock	ML2020 125X M19V	626	RU	087100
1	Overhead Stop	10-X36 (surface)	630	RF	087100
1	Kick Plate	K1050 10" CSK BEV	US32D	RO	087100
3	Silencer	608		RO	087100
1	Coat Hook	RM802	US26D	RO	087100

Set: 31.0

Doors: 113, 418, 603, 605, 611, 615A, 616

3	Hinge	TA2714 FT	US26D	M K	087100
1	Passage Latch	ML2010 125X	626	RU	087100
1	Kick Plate	K1050 10" CSK BEV	US32D	RO	087100

1	Door Stop	RM861/RM855	US26D	RO 087100
3	Silencer	608		RO 087100

Set: 32.0

Doors: 105B, 105C, 105D, 105E, 105F

2	Continuous Hinge	FM200		MR 087100
2	Cabinet Latch	CL12	626	IV 087100
1	Deadbolt	DL4113 C6 MK	626	RU 087100
2	Flush Pull	95A	US26D	RO 087100
2	Kick Plate	K1050 5" CSK BEV	US32D	RO 087100

Set: 33.0

Doors: 105A, 110C, 110D, 110E, 110F, 110G, 110H, 121B

1	All Hardware	by others		
---	--------------	-----------	--	--

Set: 34.0

Doors: GT-E, GT-N

2	Cylinder	(as required) C6 MK	626	RU 087100
---	----------	---------------------	-----	-----------

Notes:

- Balance of hardware by gate supplier.

Set: 34.1

Doors: GT-S, GT-W

2	Cylinder	(as required) C6 MK	626	RU 087100
1	Card Reader	by others		OT

Notes:

- Balance of hardware by gate supplier.

END OF SECTION 080671