

# Addendum

No. THREE Date: 9.9.20

**PROJECT:**

**9<sup>th</sup> GRADE ACADEMY ADDITION TO DAPHNE HIGH SCHOOL  
FOR THE  
BALDWIN COUNTY BOARD OF EDUCATION  
BAY MINETTE, ALABAMA**

**MCKEE PROJECT NO. 19-269  
DCM NO. 2020212**

The following changes and/or substitutions to the plans and specifications are hereby made a part of same and are incorporated in full force as part of the contract.

Bidders shall acknowledge receipt of this Addendum in writing on his Proposal Form.

**A3.1 GENERAL MODIFICATIONS:**

A. The following General Contractors have pre-qualified to bid this Project based on the criteria set forth by the Baldwin County Board of Education.

1. **Gordon & Zakary, Inc.**  
Spanish Fort, Alabama  
Phone: 251.379.6950

**A3.2 SPECIFICATION MODIFICATIONS:**

- A. **Delete Section 08700, Finish Hardware**, in its entirety.
- B. Refer to **Section 08710, Door Hardware**, herein.
- C. The following manufactures are hereby approved subject to the plans and specifications:

1. **Division 8, Doors, Frames & Hardware** – Kelley Bros | Daphne, AL. | 251.928.3633

**A3.3 DRAWING MODIFICATIONS:**

- A. **NONE**

**END OF ADDENDUM**

**SECTION 087100 - DOOR HARDWARE****PART 1 - GENERAL****1.1 SUMMARY:**

- A. Section Includes: Finish Hardware for door openings, except as otherwise specified herein.
  - 1. Door hardware for steel (hollow metal) doors.
  - 2. Door hardware for aluminum doors.
  - 3. Door hardware for wood doors.
  - 4. Door hardware for other doors indicated.
  - 5. Keyed cylinders as indicated.
  
- B. Related Sections:
  - 1. Division 6: Rough Carpentry.
  - 2. Division 8: Aluminum Doors and Frames
  - 3. Division 8: Hollow Metal Doors and Frames.
  - 4. Division 8: Wood Doors.
  - 5. Division 26 Electrical
  
- C. References: Comply with applicable requirements of the following standards. Where these standards conflict with other specific requirements, the most restrictive shall govern.
  - 1. Builders Hardware Manufacturing Association (BHMA)
  - 2. NFPA 101 Life Safety Code
  - 3. NFPA 80 -Fire Doors and Windows
  - 4. ANSI-A156.xx- Various Performance Standards for Finish Hardware
  - 5. UL10C – Positive Pressure Fire Test of Door Assemblies
  - 6. ANSI-A117.1 – Accessible and Usable Buildings and Facilities 2009
  - 7. DHI /ANSI A115.IG – Installation Guide for Doors and Hardware
  - 8. Florida Building Codes
  - 9. Miami-Dade requirements for Hurricane (NOA) for exterior openings.
  
- D. Intent of Hardware Groups
  - 1. Should items of hardware not definitely specified be required for completion of the Work, furnish such items of type and quality comparable to adjacent hardware and appropriate for service required.
  - 2. Where items of hardware aren't definitely or correctly specified, are required for completion of the Work, a written statement of such omission, error, or other discrepancy to be submitted to Architect, prior to date specified for receipt of bids for clarification by addendum; or, furnish such items in the type and quality established by this specification, and appropriate to the service intended.
  
- E. Allowances
  - 1. Refer to Division 1 for allowance amount and procedures.
  
- F. Alternates
  - 1. Refer to Division 1 for Alternates and procedures.

## 1.2 SUBSTITUTIONS:

- A. Comply with Division 1.

## 1.3 SUBMITTALS:

- A. Comply with Division 1.
- B. Special Submittal Requirements: Combine submittals of this Section with Sections listed below to ensure the "design intent" of the system/assembly is understood and can be reviewed together.
- C. Product Data: Manufacturer's specifications and technical data including the following:
  - 1. Detailed specification of construction and fabrication.
  - 2. Manufacturer's installation instructions.
  - 3. Wiring diagrams for each electric product specified. Coordinate voltage with electrical before submitting.
  - 4. Submit 6 copies of catalog cuts with hardware schedule.
  - 5. Provide 9001-Quality Management and 14001-Environmental Management for products listed in Materials Section 2.2
- D. Shop Drawings - Hardware Schedule: Submit 6 complete reproducible copy of detailed hardware schedule in a vertical format.
  - 1. List groups and suffixes in proper sequence.
  - 2. Completely describe door and list architectural door number.
  - 3. Manufacturer, product name, and catalog number.
  - 4. Function, type, and style.
  - 5. Size and finish of each item.
  - 6. Mounting heights.
  - 7. Explanation of abbreviations and symbols used within schedule.
  - 8. Detailed wiring diagrams, specially developed for each opening, indicating all electric hardware, security equipment and access control equipment, and door and frame rough-ins required for specific opening.
- E. Templates: Submit templates and "reviewed Hardware Schedule" to door and frame supplier and others as applicable to enable proper and accurate sizing and locations of cutouts and reinforcing.
  - 1. Templates, wiring diagrams and "reviewed Hardware Schedule" of electrical terms to electrical for coordination and verification of voltages and locations.
- F. Samples: (If requested by the Architect)
  - 1. 1 sample of Lever and Rose/Escutcheon design, (pair).
  - 2. 3 samples of metal finishes
- G. Contract Closeout Submittals: Comply with Division 1 including specific requirements indicated.
  - 1. Operating and maintenance manuals: Submit 3 sets containing the following.
    - a. Complete information in care, maintenance, and adjustment, and data on repair and replacement parts, and information on preservation of finishes.
    - b. Catalog pages for each product.

- c. Name, address, and phone number of local representative for each manufacturer.
  - d. Parts list for each product.
2. Copy of final hardware schedule, edited to reflect, "As installed".
  3. Copy of final keying schedule
  4. As installed "Wiring Diagrams" for each piece of hardware connected to power, both low voltage and 110 volts.
  5. One set of special tools required for maintenance and adjustment of hardware, including changing of cylinders.

#### 1.4 QUALITY ASSURANCE

##### A. Comply with Division 1.

1. Exterior Openings Severe Windstorm Components testing: Listed and labeled by a testing and inspecting agency acceptable to authority having jurisdiction, based on testing according to ANSI A250.13. Further compliance with Florida Building Codes for Exterior Openings.
2. Statement of qualification for distributor and installers.
3. Statement of compliance with regulatory requirements and single source responsibility.
4. A recognized builders hardware supplier whose principal office and place of business is located within 150 miles of the project site, who has been furnishing hardware in the project's vicinity for a period of not less than five (5) years; and who is, or has in full time employment an Architectural Hardware Consultant (AHC) in good standing as certified by the American Society of Architectural Hardware Consultants, or equivalent, and who is a direct distributor of the products approved, for warranty purposes. This paragraph will be strictly enforced.

The supplier must have demonstrated willingness to coordinate field problems, and (upon reasonable compensation) to assist the Owner in re-keying and service operations. He must have a reputation for supplying quality material. Pre-bid approval is required by Addendum 10 working days in advance of the Bid day. The following Suppliers are accorded such approval in advance:

- a. Brabner & Hollon; Mobile, AL
  - b. Mullins Building Products; Montgomery, AL
  - c. Rayford & Associates, Inc.; Mobile, AL
5. Installer's Qualifications: Firm with 10 years experienced in installation of similar hardware for the Baldwin County School System, including specific requirements indicated. Qualified and Trained Installers must be Employed by the Hardware Supplier.
  6. Regulatory Label Requirements: Provide testing agency label or stamp on hardware for labeled openings.
    - a. Provide UL listed hardware for labeled and 20-minute openings in conformance with requirements for class of opening scheduled.
    - b. Underwriters Laboratories requirements have precedence over this specification where conflict exists.
  7. Single Source Responsibility: Except where specified in hardware schedule, furnish products of only one manufacturer for each type of hardware.

- ##### B. Review Project for extent of finish hardware required to complete the Work. Where there is a conflict between these Specifications and the existing hardware, notify the Architect in writing and furnish hardware in compliance with the Specification unless otherwise directed in writing by the Architect.

## 1.5 DELIVERY, STORAGE, AND HANDLING

- A. Packing and Shipping: Comply with Division 1.
  - 1. Deliver products in original unopened packaging with legible manufacturer's identification.
  - 2. Package hardware to prevent damage during transit and storage.
  - 3. Mark hardware to correspond with "reviewed hardware schedule".
  - 4. Deliver hardware to door and frame manufacturer upon request.
- B. Storage and Protection: Comply with manufacturer's recommendations.

## 1.6 PROJECT CONDITIONS:

- A. Coordinate hardware with other work. Furnish hardware items of proper design for use on doors and frames of the thickness, profile, swing, security and similar requirements indicated, as necessary for the proper installation and function, regardless of omissions or conflicts in the information on the Contract Documents.
- B. Review Shop Drawings for doors and entrances to confirm that adequate provisions will be made for the proper installation of hardware.

## 1.7 WARRANTY:

- A. Refer to Conditions of the Contract
- B. Manufacturer's Warranty:
  - 1. Closers: Ten years
  - 2. Exit Devices: Five Years
  - 3. Locksets: Ten years
  - 4. Cylinders: Three years.

## 1.8 OWNER'S INSTRUCTION:

- A. Instruct Owner's personnel in operation and maintenance of hardware units.

## 1.9 MAINTENANCE:

- A. Extra Service Materials: Deliver to Owner extra materials from same production run as products installed. Package products with protective covering and identify with descriptive labels. Comply with Division 1 Closeout Submittals Section.
  - 1. Special Tools: Provide special wrenches and tools applicable to each different or special hardware component.
  - 2. Maintenance Tools: Provide maintenance tools and accessories supplied by hardware component manufacturer.
  - 3. Delivery, Storage and Protection: Comply with Owner's requirements for delivery, storage and protection of extra service materials.

PART 2 - PRODUCTS

2.1 MANUFACTURERS:

- A. The following manufacturers are approved subject to compliance with requirements of the Contract Documents. Approval of manufacturers other than those listed shall be in accordance with Division 1.

<u>Item:</u>	<u>Manufacturer:</u>	<u>Approved:</u>
Hinges	Stanley	Ives, McKinney
Continuous Hinges	Stanley	Select, ABH
Locksets	Best	Campus Standard
Cylinders	Best	Campus Standard
Exit Devices	Precision 2000	Von Duprin 98/99
Closers	Stanley D-4550	Sargent 251, LCN
Push/Pull Plates	Trimco	Hager, Rockwood
Protection Plates	Trimco	Hager, Rockwood
Door Stops	Trimco	Burns, Rockwood
Flush Bolts	Trimco	Hager, Rockwood
Coordinator & Brackets	Trimco	Hager, Rockwood
Threshold & Gasketing	National Guard	Hager Pemko, Zero

2.2 MATERIALS:

- A. Hinges: Shall be Five Knuckle Ball bearing hinges
  - 1. Template screw hole locations
  - 2. Bearings are to be fully hardened.
  - 3. Bearing shell is to be consistent shape with barrel.
  - 4. Minimum of 2 permanently lubricated non-detachable bearings on standard weight hinge and 4 permanently lubricated bearing on heavy weight hinges.
  - 5. Equip with easily seated, non-rising pins.
  - 6. Non-Removable Pin screws shall be slotted stainless steel screws.
  - 7. Hinges shall be full polished, front, back and barrel.
  - 8. Hinge pin is to be fully plated.
  - 9. Bearing assembly is to be installed after plating.
  - 10. Sufficient size to allow 180-degree swing of door
  - 11. Furnish five knuckles with flush ball bearings
  - 12. Provide hinge type as listed in schedule.
  - 13. Furnish 3 hinges per leaf to 7-foot 6-inch height. Add one for each additional 30 inches in height or fraction thereof.
  - 14. Tested and approved by BHMA for all applicable ANSI Standards for type, size, function and finish
  - 15. UL10C listed for Fire rated doors.
  
- B. Geared Continuous Hinges:
  - 1. Tested and approved by BHMA for ANSI A156.26-1996 Grade 1
  - 2. Anti-spinning through fastener
  - 3. UL10C listed for 3-hour Fire rating
  - 4. Non-handed
  - 5. Lifetime warranty
  - 6. Provide Fire Pins for 3-hour fire ratings

7. Sufficient size to permit door to swing 180 degrees

C. Cylindrical Type Locks and Latches:

1. Tested and approved by BHMA for ANSI A156.13, Series 4000, Operational Grade 1, Extra-Heavy Duty, Security Grade 2 and be UL10C.
2. Furnish UL or recognized independent laboratory certified mechanical operational testing to 4 million cycles minimum.
3. Provide 9001-Quality Management and 14001-Environmental Management.
4. Fit ANSI A115.1 door preparation
5. Functions and design as indicated in the hardware groups
6. Solid, one-piece, 9/16-inch (19mm) throw, anti-friction latchbolt made of self-lubricating stainless steel
7. Deadbolt functions shall have 1-inch (25mm) throw bolt made of hardened stainless steel
8. Latchbolt and Deadbolt are to extend into the case a minimum of 3/8 inch (9.5mm) when fully extended
9. Auxiliary deadlatch to be made of one-piece stainless steel, permanently lubricated
10. Provide sufficient curved strike lip to protect door trim
11. Lever handles must be of forged or cast brass, bronze or stainless-steel construction and conform to ANSI A117.1. Levers that contain a hollow cavity are not acceptable
12. Lock shall have self-aligning, thru-bolted trim
13. Levers to operate a roller bearing spindle hub mechanism
14. Mortise cylinders of lock shall have a concealed internal setscrew for securing the cylinder to the lockset. The internal setscrew will be accessible only by removing the core, with the control key, from the cylinder body.
15. Spindle to be designed to prevent forced entry from attacking of lever
16. Provide locksets with 7-pin removable and interchangeable core cylinders
17. Each lever to have independent spring mechanism controlling it
18. Core face must be the same finish as the lockset.

D. Exit Devices:

1. Exit devices to meet or exceed BHMA for ANSI 156.3, Grade 1.
2. Exit devices to be tested and certified by UL or by a recognized independent laboratory for mechanical operational testing to 10 million cycles minimum with inspection confirming Grade 1 Loaded Forces have been maintained.
3. Exit devices chassis to be investment cast steel, zinc dichromate.
4. Exit devices to have stainless steel deadlocking 3/4" through latch bolt.
5. Exit devices to be equipped with sound dampening on touchbar.
6. Non-fire rated exit devices to have cylinder dogging.
7. Non-fire rated exit devices to have 1/4" minimum turn hex key dogging.
8. Touchpad to be "T" style constructed of architectural metal with matching metal end caps.
9. Touchbar assembly on wide style exit devices to have a 1/4" clearance to allow for vision frames.
10. All exposed exit device components to be of architectural metals and "true" architectural finishes.
11. Provide strikes as required by application.
12. Fire exit hardware to conform to UL10C and UBC 7-2. UL tested for Accident Hazard.
13. The strike is to be black powder coated finish.
14. Exit devices to have field reversible handing.
15. Provide heavy duty vandal resistant lever trim with heavy duty investment cast stainless steel components and extra strength shock absorbing overload springs. Lever shall not require resetting. Lever design to match locksets and latchsets.
16. Provide 9001-Quality Management and 14001-Environmental Management.
17. Vertical Latch Assemblies to have gravity operation, no springs.

18. Approved Manufacturers
  - a. The following manufacturers will be approved contingent on meeting or exceeding the above performance criteria:
    - 1) Precision Manufactured by Stanley Security Solutions
- E. Door Closers shall:
  1. Tested and approved by BHMA for ANSI 156.4, Grade 1
  2. UL10C certified
  3. Provide 9001-Quality Management and 14001-Environmental Management.
  4. Closer shall have extra-duty arms and knuckles
  5. Conform to ANSI 117.1
  6. Maximum 2 7/16-inch case projection with non-ferrous cover
  7. Separate adjusting valves for closing and latching speed, and backcheck
  8. Provide adapter plates, shim spacers and blade stop spacers as required by frame and door conditions
  9. Full rack and pinion type closer with 1 1/2" minimum bore
  10. Mount closers on non-public side of door, unless otherwise noted in specification
  11. Closers shall be non-handed, non-sized and multi-sized.
- F. Kickplates: Provide with four beveled edges ANSI J102, 10 inches high by width less 2 inches on single doors and 1 inch on pairs of doors. Furnish oval-head countersunk screws to match finish.
- G. Mop plates: Provide with four beveled edges ANSI J103, 4 inches high by width less 1 inch on single doors and 1 inch on pairs of doors. Furnish oval-head countersunk screws to match finish.
- H. Door Bolts: Flush bolts for wood or metal doors.
  1. Provide a set of Automatic bolts, Certified ANSI/BHMA 156.3 Type 25 for hollow metal label doors.
  2. Provide a set of Automatic bolts, Certified ANSI/BHMA 156.3 Type 27 at wood label doors.
  3. Manual flush bolts, Certified ANSI/BHMA 156.16 at openings where allowed local authority.
  4. Provide Dust Proof Strike, Certified ANSI/BHMA 156.16 at doors with flush bolts without thresholds.
- I. Coordinator and Brackets: Provide a surface mounted coordinator when automatic bolts are used in the hardware set.
  1. Coordinator, Certified ANSI/BHMA A1156.3 Type 21A for full width of the opening.
  2. Provide mounting brackets for soffit applied hardware.
  3. Provide hardware preparation (cutouts) for latches as necessary.
- J. Magnetic Door Holders: Provide magnetic door holders with Tri-Voltage that can be wired 12VDC, 24V AC/DC or 120V AC
  1. Wall magnetic door holders shall be recessed.
  2. Armature shall be thru-bolted and can be provided with any projection required.
  3. Models will be available in US28, sprayed finishes and US32D.
  4. Floor mounted shall be provided for a single door or double door hold open application.



- K. Seals: All seals shall be finished to match adjacent frame color. Seals shall be furnished as listed in schedule. Material shall be UL listed for labeled openings.
- L. Weatherstripping: Provide at head and jambs only those units where resilient or flexible seal strip is easily replaceable. Where bar-type weatherstrip is used with parallel arm mounted closers install weatherstrip first.
  - 1. Weatherstrip shall be resilient seal of Silicone.
  - 2. UL10C Positive Pressure rated seal set when required.
- M. Door Bottoms/Sweeps: Surface mounted or concealed door bottom where listed in the hardware sets.
  - 1. Door seal shall be resilient seal of Neoprene.
  - 2. UL10C Positive Pressure rated seal set when required.
- N. Thresholds: Thresholds shall be aluminum beveled type with maximum height of ½" for conformance with ADA requirements. Furnish as specified and per details. Provide fasteners and screws suitable for floor conditions.

### 2.3 FINISH:

- A. Designations used in Schedule of Finish Hardware - 3.05, and elsewhere to indicate hardware finishes are those listed in ANSI/BHMA A156.18 including coordination with traditional U.S. finishes shown by certain manufacturers for their products
- B. Powder coat door closers to match other hardware, unless otherwise noted.
- C. Aluminum items shall be finished to match predominant adjacent material. Seals to coordinate with frame color.

### 2.4 KEYS AND KEYING:

- A. Provide keyed brass construction cores and keys during the construction period. Construction control and operating keys and core shall not be part of the Owner's permanent keying system or furnished in the same keyway (or key section) as the Owner's permanent keying system. Permanent cores and keys (prepared according to the accepted keying schedule) will be furnished to the Owner.
- B. Cylinders, removable and interchangeable core system: Best standard 7-pin.
- C. Permanent keys and cores: Stamped with the applicable key mark for identification. These visual key control marks or codes will not include the actual key cuts. Permanent keys will also be stamped "Do Not Duplicate."
- D. Transmit Grand Masterkeys, Masterkeys and other Security keys to Owner by Registered Mail, return receipt requested.
- E. Furnish keys in the following quantities:
  - 1. 1 each Grand Masterkeys
  - 2. 4 each Masterkeys
  - 3. 2 each Change keys each keyed core
  - 4. 15 each Construction masterkeys
  - 5. 1 each Control keys

- F. The Owner, or the Owner's agent, will install permanent cores and return the construction cores to the Hardware Supplier. Construction cores and keys remain the property of the Hardware Supplier.
- G. Keying Schedule: Arrange for a keying meeting, and programming meeting with Architect Owner and hardware supplier, and other involved parties to ensure locksets and locking hardware, are functionally correct and keying and programming complies with project requirements. Furnish 3 typed copies of keying and programming schedule to Architect.

### PART 3 - EXECUTION

#### 3.1 EXAMINATION

- A. Verification of conditions: Examine doors, frames, related items and conditions under which Work is to be performed and identify conditions detrimental to proper and or timely completion.
  - 1. Do not proceed until unsatisfactory conditions have been corrected.

#### 3.2 HARDWARE LOCATIONS:

- A. Mount hardware units at heights indicated in the following publications except as specifically indicated or required to comply with the governing regulations.
  - 1. Recommended Locations for Builder's Hardware for Standard Steel Doors and Frames, by the Door and Hardware Institute (DHI).
  - 2. Recommended locations for Architectural Hardware for flush wood doors (DHI).
  - 3. WDMA Industry Standard I.S.-1A-04, Industry Standard for Architectural wood flush doors.

#### 3.3 INSTALLATION:

- A. Install each hardware item per manufacturer's instructions and recommendations. Do not install surface mounted items until finishes have been completed on the substrate. Set units level, plumb and true to line and location. Adjust and reinforce the attachment substrate as necessary for proper installation and operation.
- B. Conform to local governing agency security ordinance.
- C. Install Conforming to ICC/ANSI A117.1 Accessible and Usable Building and Facilities.
  - 1. Adjust door closer sweep periods so that from the open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches from the latch, measured to the landing side of the door.
- D. Installed hardware using the manufacturers fasteners provided. Drill and tap all screw holes located in metallic materials. Do not use "Riv-Nuts" or similar products.

#### 3.4 FIELD QUALITY CONTROL AND FINAL ADJUSTMENT

- A. Contractor/Installers, Field Services: After installation is complete, contractor shall inspect the completed door openings on site to verify installation of hardware is complete and properly adjusted, in accordance with both the Contract Documents and final shop drawings.

1. Check and adjust closers to ensure proper operation.
2. Check latchset, lockset, and exit devices are properly installed and adjusted to ensure proper operation.
  - a. Verify levers are free from binding.
  - b. Ensure latchbolts and dead bolts are engaged into strike and hardware is functioning.
3. Report findings, in writing, to architect indicating that all hardware is installed and functioning properly. Include recommendations outlining corrective actions for improperly functioning hardware if required.

3.5 SCHEDULE OF FINISH HARDWARE:

**Manufacturer List**

<u>Code</u>	<u>Name</u>
AB	ABH Manufacturing Inc.
BE	Best Access Systems
NA	National Guard
PR	Precision
SD	Stanley Door Closers
SP	Special Lite
ST	Stanley
TR	Trimco

**Option List**

<u>Code</u>	<u>Description</u>
C4	CAM-STANDARD CAM
CD	CYLINDER DOGGING
FL	Fire Exit Hardware
HC	Hurricane Code Device
SH	Shrouded w/Cut Resistant Shackle (21B)
SN	Sex Nuts (Pkg. of 4)
B4E	BEVELED 4 EDGES - KICK PLATES
CSK	COUNTER SINKING OF KICK and MOP PLATES
LBR	LESS BOTTOM ROD
MCS	Mullion Cap Spacer (600 Finish)
VIN	Visual Indicator
S301	OPT. ROLLER. STRK - RIM AND TOP OF SVR
S458	OPT. ROLLER. STRIKE - RIM DEVICES
XSPL	21B CUT RESISTANT
CA-03	Cylinder Attachment Kit (Rim/SVR Device)
SNB (2)	SEX BOLTS (2)
SNB (6)	SEX BOLTS (6)
2 3/4"BS	2 3/4" BACKSET

**Finish List**

<u>Code</u>	<u>Description</u>
C	Clear Anodized Aluminum
AL	Aluminum
600	Primed for Painting
626	Satin Chromium Plated
630	Satin Stainless Steel
689	Aluminum Painted
BLACK	Black
US26D	Chromium Plated, Dull
US32D	Stainless Steel, Dull

**Hardware Sets**

**SET #1**

Doors: Exterior Lobby Doors 100A, 100B.

2	Continuous Hinge	661HD UL 83"	AL	ST
1	Removable Mullion	HCKR822 MCS	600	PR
1	Exit Device-Inactive Leaf	HC 2101 36" CD S301 SNB (2)	630	PR
1	Exit Device-Active Leaf	HC 2103 36" CA-03 CD S458 SNB (2)	630	PR
2	Rim Cylinder	12E-72 STD	626	BE
2	Mortise Cylinder	1E-74 STD C4	626	BE
4	Construction Core	1C-7 Green	GN	BE
2	Flush Pull	SL86	C	SP
2	Door Closer	CLD-4550 HCS	689	SD
1	Mullion Seal	5100N-86"		NA
2	Door Sweep	101 VA x 36"		NA

NOTE: Flush Pulls supplied and Factory installed by Special-Lite.

NOTE: Thresholds & Weather-seals supplied by Aluminum Frame Supplier.

**SET #2**

Doors: Exterior Doors 113, 145, 153.

2	Continuous Hinge	661HD UL 83"	AL	ST
1	Removable Mullion	HCKR822 MCS	600	PR
1	Exit Device-Inactive Leaf	HC 2101 36" CD S301 SNB (2)	630	PR
1	Exit Device-Active Leaf	HC 2103 36" CA-03 CD S458 SNB (2)	630	PR
2	Rim Cylinder	12E-72 STD	626	BE
2	Mortise Cylinder	1E-74 STD C4	626	BE
4	Construction Core	1C-7 Green	GN	BE
2	Flush Pull	SL86	C	SP
2	Door Closer	CLD-4550 HCS	689	SD
1	Mullion Seal	5100N-86"		NA
2	Door Sweep	101 VA x 36"		NA

NOTE: Flush Pulls supplied and Factory installed by Special-Lite.

NOTE: Thresholds & Weather-seals supplied by Aluminum Frame Supplier.

**SET #3**

## Doors: Exterior Doors 142

2	Continuous Hinge	661HD UL 83"	AL	ST
1	Removable Mullion	HCKR822 MCS	600	PR
1	Exit Device-Inactive Leaf	HC 2101 48" CD S301 SNB (2)	630	PR
1	Exit Device-Active Leaf	HC 2103 48" CA-03 CD S458 SNB (2)	630	PR
2	Rim Cylinder	12E-72 STD	626	BE
2	Mortise Cylinder	1E-74 STD C4	626	BE
4	Construction Core	1C-7 Green	GN	BE
2	Flush Pull	SL86	C	SP
2	Door Closer	CLD-4550 HCS	689	SD
1	Mullion Seal	5100N-86"		NA
2	Door Sweep	101 VA x 48"		NA

NOTE: Flush Pulls supplied and Factory installed by Special-Lite.

NOTE: Thresholds & Weather-seals supplied by Aluminum Frame Supplier.

**SET # 4**

## Doors: Exterior Doors 127

2	Continuous Hinge	661HD UL 83"	AL	ST
1	Removable Mullion	HCKR822 MCS	600	PR
1	Exit Device-Inactive Leaf	HC 2101 48" CD S301 SNB (2)	630	PR
1	Exit Device-Active Leaf	HC 2103 48" CA-03 CD S458 SNB (2)	630	PR
2	Rim Cylinder	12E-72 STD	626	BE
2	Mortise Cylinder	1E-74 STD C4	626	BE
4	Construction Core	1C-7 Green	GN	BE
1	Flush Pull	SL86 (Active Leaf)	C	SP
2	Door Closer	CLD-4550 HCS	689	SD
1	Perimeter Seals	5050 B x 22'		NA
1	Mullion Seal	5100N-86"		NA
2	Door Sweep	101 VA x 48"		NA
1	Threshold	896 N x 96"		NA

NOTE: Flush Pull supplied and Factory installed by Special-Lite.

**SET #5**

## Doors: Exterior Door 137B

1	Continuous Hinge	661HD UL 83"	AL	ST
1	Exit Device	HC 2103 36" CA-03 CD S458 SNB (2)	630	PR
1	Rim Cylinder	12E-72 STD	626	BE
1	Mortise Cylinder	1E-74 STD C4	626	BE
4	Construction Core	1C-7 Green	GN	BE
1	Flush Pull	SL86	C	SP
1	Door Closer	CLD-4550 HCS	689	SD
1	Door Sweep	101 VA x 48"		NA

NOTE: Flush Pull supplied and Factory installed by Special-Lite.

NOTE: Threshold & Weather-seals supplied by Aluminum Frame Supplier.

**SET #6**

Doors: 109, 110, 111, 114, 120, 121, 122, 123, 124, 128, 132, 139, 140, 141, 143, 146,  
147, 148, 150, 151, 152, 154, 159.

3 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
1 Intruder Lockset	9K3-7IN14D S3 STD	626	BE
2 Construction Core	1C-7 Green	GN	BE
1 Kick Plate	K0050 10" x 34" B4E CSK	630	TR
1 Wall Bumper	1270CV	626	TR
3 Silencers	1229A	Grey	TR

**SET #7**

Doors: 106B, 125A, 125B, 133, 137A.

3 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
1 Intruder Lockset	9K3-7IN14D S3 STD	626	BE
2 Construction Core	1C-7 Green	GN	BE
1 Door Closer	CLD-4551 REG/PA BRKT SN	689	SD
1 Kick Plate	K0050 10" x 34" B4E CSK	630	TR
1 Wall Bumper	1270CV	626	TR
3 Silencers	1229A	Grey	TR

**SET #8**

Doors: 101, 102.

1 Continuous Hinge	661HD UL 83"	AL	ST
1 Office Lockset	9K3-7AB14D S3 STD	626	BE
1 Construction Core	1C-7 Green	GN	BE
1 Door Closer	CLD-4551 REG/PA BRKT SN	689	SD
1 Kick Plate	K0050 10" x 34" B4E CSK	630	TR
1 Wall Bumper	1270CV	626	TR
3 Silencers	1229A	Grey	TR

**SET #9**

Doors: 103, 104, 105, 106A.

3 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
1 Office Lockset	9K3-7AB14D S3 STD	626	BE
1 Construction Core	1C-7 Green	GN	BE
1 Kick Plate	K0050 10" x 34" B4E CSK	630	TR
1 Wall Bumper	1270CV	626	TR
3 Silencers	1229A	Grey	TR

**SET #10**

Doors: 129.

3 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
1 Storage Lockset	9K3-7D14D S3 STD	626	BE
1 Construction Core	1C-7 Green	GN	BE
1 Door Closer	CLD-4551 REG/PA BRKT SN	689	SD
1 Kick Plate	K0050 10" x 34" B4E CSK	630	TR
1 Wall Bumper	1270CV	626	TR
3 Silencers	1229A	Grey	TR

**SET #11**

Doors: 112, 116, 117, 129A, 138, 149, 156, 157.

3 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
1 Lockset	9K3-7D14D S3 STD	626	BE
1 Construction Core	1C-7 Green	GN	BE
1 Overhead Stop	9012A	630	AB
1 Kick Plate	K0050 10" x 34" B4E CSK	630	TR
3 Silencers	1229A	Grey	TR

**SET #12**

Doors: 130, 131, 136.

3 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
1 Lockset	9K3-7D14D S3 STD	626	BE
1 Construction Core	1C-7 Green	GN	BE
1 Overhead Stop	9012A	630	AB
1 Kick Plate	K0050 10" x 34" B4E CSK	630	TR
3 Silencers	1229A	Grey	TR

**SET #13**

Doors: 127A.

6 Hinges	FBB168 4 1/2 X 4 1/2	US26D	ST
2 Flush Bolts	3917-12"	626	TR
1 Lockset	9K3-7D14D S3 STD	626	BE
1 Construction Core	1C-7 Green	GN	BE
2 Overhead Holders	9014A	630	AB
2 Kick Plate	K0050 10" x 47" B4E CSK	630	TR
1 Dustproof Strike	3910	630	TR
1 Perimeter Seals	5050 B x 22'		NA

**SET #14**

Doors: 119.

2	Continuous Hinge	661HD UL 83"	AL	ST
1	Exit Device -Active Leaf	2208 X V4908D LBR CD S301 SNB (6)	630	PR
1	Exit Device-Inactive Leaf	2201 LBR CD S301 SNB (6)	630	PR
1	Rim Cylinder	12E-72 STD	626	BE
2	Mortise Cylinder	1E-74 STD C4	626	BE
3	Construction Core	1C-7 Green	GN	BE
2	Door Closer	CLD-4551 HCS SN	689	SD
2	Kick Plate	K0050 10" x 35" B4E CSK	630	TR
1	Perimeter Seals	5050 B x 20'		NA

**SET #15**

Doors: 115, 118, 155, 158.

3	Hinges	FBB168 4 1/2 X 4 1/2	US26D	ST
1	Push Plate	1001-11	630	TR
1	Pull Plate	1018-3	630	TR
1	Door Closer	CLD-4551 H STD SN	689	SD
1	Mop Plate	KM050 6" x 35" B4E CSK	630	TR
1	Kick Plate	K0050 10" x 34" B4E CSK	630	TR
1	Wall Bumper	1270CV	626	TR
3	Silencers	1229A	Grey	TR

**SET #16**

Doors: 107, 134.

3	Hinges	FBB179 4 1/2 X 4 1/2	US32D	ST
1	Privacy Set	9K3-0L14D S3	626	BE
1	Door Closer	CLD-4551 H STD SN	689	SD
1	Mop Plate	KM050 6" x 35" B4E CSK	630	TR
1	Kick Plate	K0050 10" x 34" B4E CSK	630	TR
1	Wall Bumper	1270CV	626	TR
3	Silencers	1229A	Grey	TR



**SET #17**

Doors: 108, 135, 144.

6 Hinges	FBB168 4 1/2 X 4 1/2	US26D	ST
1 Exit Device -Active Leaf	2103 X 4903D 48" LBR S301 SNB (6)	630	PR
1 Exit Device-Inactive Leaf	2101 LBR 48" S301 SNB (6)	630	PR
1 Removable Mullion	KR822 MCS	600	PR
2 Rim Cylinder	12E-72 STD	626	BE
2 Construction Core	1C-7 Green	GN	BE
2 Door Closer	CLD-4551 HCS SN	689	SD
2 Kick Plate	K0050 10" x 35" B4E CSK	630	TR
1 Perimeter Seals	5050 B x 20'		NA

**SET #18**

Doors: MISC.

1 Key Cabinet	Lund 1201-A (90) Capacity	Grey
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NOTES:

- A) INSTALL ALL DOOR CLOSERS AWAY FROM CORRIDORS AND PUBLIC VIEW.
- B) INTERIOR DOOR CLOSERS FOR NON FIRE RATED DOORS TO HAVE HOLDOPEN ARMS.
- C) ALL INTERIOR DOORS TO HAVE KICK-PLATES ON PUSH SIDE, MOP PLATES ON INSIDE OF TOILET DOORS ONLY.
- D) ALL EXTERIOR AND INTERIOR CYLINDERS AND LOCKSETS TO HAVE KEYED CONSTRUCTION CORES THROUGH-OUT THE CONSTRUCTION PHASE.

END OF SECTION 087100