

ADDENDUM NO. 1

NEW CONSTRUCTION / RENOVATION
Brookhaven School District

Project #1902D
Cox Architecture, P.A.
P.O. Box 65
McComb, MS 39649

May 14, 2021

The following changes and/or clarifications are hereby made to the above captioned Contract Documents as originally dated May, 2021. Wherever the original Contract Documents are inconsistent herewith, the provisions of the Addendum shall govern.

Item No.1 - Extend Bid Date – The bid date for this project is to be extended to Friday, June 4, 2021. Time for bid opening remains unchanged at 2:00 pm CST.

Item No.2 - Bid Form Error: Base bid (8) is for work at the HS as the plans and specifications clearly indicate (not BE). We will **not issue revised bid form.**

Item No.3 - Payment & Performance Bond – Value of Contract: The work under this contract is funded through a bond issue that may be supplemented with other funds. The bond issue budget is approximately \$4M. The Owner may choose to limit the work to that budget or may increase funding to maximize scope of work. All work done under this contract will be with a single contract for the work.

Item No.4 - Specifications - Hardware – Replace Specifications Section 08700 with the attached Section 087100.

ATTACHMENTS: Specifications, Section 087100 – 15 pages.

END OF ADDENDUM

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
 - 6. Division 28: Electronic Security

- 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
 - 7. DHI /ANSI A115.IG – Installation Guide for Doors and Hardware
 - 8. ICC – International Building Code

- 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. Statement of qualification for distributor and installers.
2. Statement of compliance with regulatory requirements and single source responsibility.
3. Distributor's Qualifications: Firm with 3 years experience in the distribution of commercial hardware.
 - a. Distributor to employ full time Architectural Hardware Consultants (AHC) for the purpose of scheduling and coordinating hardware and establishing keying schedule.
 - b. Hardware Schedule shall be prepared and signed by an AHC.
4. Installer's Qualifications: Firm with 3 years experienced in installation of similar hardware to that required for this Project, including specific requirements indicated.
5. 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.
6. 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 & Cylinders: Three years
- 4. All other Hardware: Two 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.
- B. Maintenance Service: Submit for Owner's consideration maintenance service agreement for electronic products installed.

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	Bommer, McKinney
Continuous Hinges	National Guard	Stanley, ABH
Locksets	Best 45H Series	Campus Standard
Cylinders	Best 1E-74, 12E Series	Campus Standard
Exit Devices	Precision 2000 Series	Von Duprin 98/99
Closers	Dorma 8900	LCN 4040XP
Access Control System	By Access Control Provider	
Push/Pull Plates	Trimco	Burns, Rockwood
Protection Plates	Trimco	Burns, Rockwood
Overhead Stops	Dorma 900 Series	ABH, Rixson
Door Stops	Trimco	Burns, Rockwood
Flush Bolts	Trimco	ABH, Burns
Coordinator & Brackets	Trimco	ABH, Burns
Threshold & Gasketing	National Guard	Reese, K.N. Crowder

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. Mortise Type Locks and Latches:
1. Tested and approved by BHMA for ANSI A156.13, Series 1000, 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, 3/4-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 ¼" 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 ¼" 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.
- 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 1½" 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. Door Stops: Provide a dome floor or wall stop for every opening as listed in the hardware sets.
1. Wall stop and floor stop shall be wrought bronze, brass or stainless steel.
 2. Provide fastener suitable for wall construction.
 3. Coordinate reinforcement of walls where wall stop is specified.
 4. Provide dome stops where wall stops are not practical. Provide spacers or carpet riser for floor conditions encountered
- G. Over Head Stops: Provide a Surface mounted or concealed overhead when a floor or wall stop cannot be used or when listed in the hardware set.
1. Concealed overhead stops shall be heavy duty bronze or stainless steel.
 2. Surface overhead stops shall be heavy duty bronze or stainless steel.
- H. Push Plates: Provide with four beveled edges ANSI J301, .050 thickness, size as indicated in hardware set. Furnish oval-head countersunk screws to match finish.
- I. Pulls with plates: Provide with four beveled edges ANSI J301, .050 thickness Plate s with ANSI J401 Pull as listed in hardware set. Provide proper fasteners for door construction.
- J. 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.
- K. 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.
- L. Armor Plates: Provide ANSI J101 with four beveled edges, 40 inches high by width less 1 inch on single or

pairs of doors. Furnish oval-head countersunk screws to match finish.

1. Provide cutouts for hardware as listed in the hardware sets.
2. Provide Warnock Hersey labeled plates for 3 hour metal fire doors where allowed by local authority.

M. Door Bolts: Flush bolts for wood or metal doors.

1. Manual flush bolts, Certified ANSI/BHMA 156.16 at openings where allowed local authority.
2. Provide Dust Proof Strike, Certified ANSI/BHMA 156.16 at doors with flush bolts without thresholds.

N. 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.

O. 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.

P. 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.

Q. Door Bottoms/Sweeps: Surface mounted or concealed door bottom where listed in the hardware sets.

1. Door seal shall be resilient seal of Neoprene, Nylon Brush, Silicone.
2. UL10C Positive Pressure rated seal set when required.

R. Thresholds: Thresholds shall be aluminum beveled type with maximum height of 1/2" for conformance with ADA requirements. Furnish as specified and per details. Provide fasteners and screws suitable for floor conditions.

S. Silencers: Furnish silencers on all interior frames, 3 for single doors, 2 for pairs. Omit where any type of seals occur.

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 CORMAX™ Patented 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>
BE	Best Access Systems
DM	Dorma Door Controls
NA	National Guard
PR	Precision
ST	Stanley
TR	Trimco

Option List

<u>Code</u>	<u>Description</u>
C4	CAM-STANDARD CAM
CD	CYLINDER DOGGING
CSK	COUNTER SINKING OF KICK and MOP PLATES
VIB	Double Visual Indicator Option
NFHD	Narrow Frame Bracket - Heavy Duty Arms
CSK-AP	COUNTER SINKING OF ARMOUR PLATES
SNB (2)	SEX BOLTS (2)
B4E-HEAVY-AP	BEVELED 4 EDGES - ARMOR PLATES
B4E-HEAVY-KP	BEVELED 4 EDGES - KICK PLATES
Lock Face Prep	Lock Face Prep

Finish List

<u>Code</u>	<u>Description</u>
AL	Aluminum
600	Primed for Painting
625	Bright Chromium Plated
626	Satin Chromium Plated
630	Satin Stainless Steel
689	Aluminum Painted
GREY	Grey
US26D	Chromium Plated, Dull
US32D	Stainless Steel, Dull

Hardware Sets

SET #01

Doors: 1, 2, 26, 65, 70

2	Continuous Hinge	HD1100A 83"		NA
1	Removable Mullion	KR822	600	PR
1	Exit Device-Exit Only	2101 CD SNB (2)	630	PR
1	Exit Device-Storeroom-Pull	2103 X 1703A CD SNB (2)	630	PR
2	Rim Cyl-Exit Trim & Mullion	12E-72 PATD	626	BE
2	Mortise Cyl-Cyl Dogging	1E-74 PATD C4	626	BE
2	Closer	8916 DS NFHD	689	DM
2	Kick Plate	K0050 8" x 2" LDW B4E CSK	630	TR
1	Perimeter Gasketing	2525 C x LAR		NA
1	Mullion Seal	5100N x LAR		NA
1	Door Sweep	C627 A x LAR		NA
1	Threshold	896 S x LAR	AL	NA

SET #02

Doors: 20

6	Hinges	FBB168 4 1/2 X 4 1/2 NRP	US26D	ST
1	Removable Mullion	KR822	600	PR
1	Exit Device-Exit Only	2101 CD SNB (2)	630	PR
1	Exit Device-Storeroom-Pull	2103 X 1703A CD SNB (2)	630	PR
2	Rim Cyl-Exit Trim & Mullion	12E-72 PATD	626	BE
2	Mortise Cyl-Cyl Dogging	1E-74 PATD C4	626	BE
2	Closer	8916 DS NFHD	689	DM
NOTE: (Template Closer Installation to 110 Degrees Opening.)				
2	Kick Plate	K0050 8" x 2" LDW B4E CSK	630	TR
1	Perimeter Gasketing	2525 C x LAR		NA
1	Mullion Seal	5100N x LAR		NA

SET #03

Doors: 55, 56, 67, 68

1	Continuous Hinge	HD1100A 83"		NA
1	Exit Device-Storeroom-Pull	2103 X 1703A CD SNB (2)	630	PR
2	Rim Cyl-Exit Trim	12E-72 PATD	626	BE
2	Mortise Cyl-Cyl Dogging	1E-74 PATD C4	626	BE
2	Closer	8916 DS NFHD	689	DM
2	Kick Plate	K0050 8" x 2" LDW B4E CSK	630	TR
1	Perimeter Gasketing	2525 C x LAR		NA
1	Door Sweep	C627 A x LAR		NA
1	Drip Cap	16 A x +4" ODW		NA
1	Threshold	896 S x LAR	AL	NA

SET #04

Doors: 50, 51

3	Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
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**New Construction / Renovation #1902D
Brookhaven, MS**

**DOOR HARDWARE
SECTION 08 71 00**

1 Lockset-Classroom	45H-7R15H PATD	626	BE
1 Closer w/ Tri-Pack Arm	8916 AF89P	689	DM
1 Kick Plate	K0050 8" x 2" LDW B4E CSK	630	TR
1 Wall Bumper	1270CV	626	TR
1 Perimeter Gasketing	5050 C x LAR		NA
1 Door Sweep	200 NA		NA

SET #05

Doors: 49

3 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
1 Passage Set	45H-0N15H	626	BE
1 Closer w/ Stop	8916 IS	689	DM
1 Kick Plate	K0050 8" x 2" LDW B4E CSK	630	TR
1 Mop Plate	KM050 6" x 1" LDW B4E CSK	630	TR
1 Perimeter Gasketing	5050 C x LAR		NA
1 Door Sweep	200 NA		NA
1 Saddle Threshold	513 36"	AL	NA
3 Door Silencers	1229A	GREY	TR

SET #06

Doors: 10, 27, 3, 30, 31, 34, 6, 7

3 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
1 Lockset-Classroom	45H-7R15H PATD	626	BE
1 Overhead Stop	912 S	626	DM
NOTE: Template the installation for 110 Degrees Opening.			
1 Kick Plate	K0050 8" x 2" LDW B4E CSK	630	TR
1 Perimeter Gasketing	5050 C x LAR		NA

SET #07

Doors: 78

3 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
1 Lockset-Classroom	45H-7R15H PATD	626	BE
1 Overhead Stop	912 S	626	DM
1 Kick Plate	K0050 8" x 2" LDW B4E CSK	630	TR
1 Perimeter Gasketing	5050 C x LAR		NA

SET #08

Doors: 71, 72, 73

3 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
1 Lockset-Classroom	45H-7R15H PATD	626	BE
1 Kick Plate	K0050 8" x 2" LDW B4E CSK	630	TR
1 Wall Bumper	1270CV	626	TR
1 Perimeter Gasketing	5050 C x LAR		NA

SET #09

Doors: 57

3 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
1 Lockset-Classroom	45H-7R15H PATD	626	BE

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**DOOR HARDWARE
SECTION 08 71 00**

1 Kick Plate	K0050 8" x 2" LDW B4E CSK	630	TR
1 Wall Bumper	1270CV	626	TR
1 Perimeter Gasketing	5050 C x LAR		NA

SET #10

Doors: 13, 15, 28, 29, 32, 33, 4, 5, 58, 59, 8, 9

3 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
1 Lockset-Storeroom	45H-7D15H PATD	626	BE
1 Mop Plate	KM050 6" x 1" LDW B4E CSK	630	TR
1 Wall Bumper	1270CV	626	TR
1 Perimeter Gasketing	5050 C x LAR		NA

SET #11

Doors: 12, 14

3 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
1 Push Plate	1001-3	630	TR
1 Pull Plate	1014-3B	630	TR
1 Closer w/ Stop	8916 IS	689	DM
1 Kick Plate	K0050 8" x 2" LDW B4E CSK	630	TR
1 Mop Plate	KM050 6" x 1" LDW B4E CSK	630	TR
3 Door Silencers	1229A	GREY	TR

SET #12

Doors: 11

6 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
2 Flush Bolt	3917-12	626	TR
1 Lockset-Storeroom	45H-7D15H PATD	626	BE
1 Coordinator	3094B2	689	TR
2 Closer	8916 SPA	689	DM
2 Closer Mounting Bracket	3096	689	TR
1 Astragal	550 GPZ x LAR x Lock Face Prep		NA
2 Mop Plate	KM050 6" x 1" LDW B4E CSK	630	TR
2 Wall Bumper	1270CV	626	TR
1 Perimeter Gasketing	5050 C x LAR		NA
2 Door Silencers	1229A	GREY	TR

SET #13

Doors: 69

2 Continuous Hinge	HD1100A 83"		NA
2 Flush Bolt	3917-12	626	TR
1 Lockset-Storeroom	45H-7D15H PATD	626	BE
1 Astragal	550 GPZ x LAR x Lock Face Prep		NA
1 Coordinator	3094B2	689	TR
2 Closer	8916 DS NFHD	689	DM
2 Closer Mounting Bracket	3096	689	TR
2 Mop Plate	KM050 6" x 1" LDW B4E CSK	630	TR
1 Perimeter Gasketing	2525 C x LAR		NA
1 Drip Cap	16 A x +4" ODW		NA
1 Door Sweep	C627 A x LAR		NA
1 Threshold	896 S x LAR	AL	NA

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2 Door Silencers	1229A	GREY	TR
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SET #14

Doors: 21, 22, 23

6 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
2 Flush Bolt	3917-12	626	TR
1 Lockset-Storeroom	45H-7D15H PATD	626	BE
1 Astragal	550 GPZ x LAR x Lock Face Prep		NA
1 Coordinator	3094B2	689	TR
2 Closer	8916 DS NFHD	689	DM
2 Closer Mounting Bracket	3096	689	TR
2 Mop Plate	KM050 6" x 1" LDW B4E CSK	630	TR
1 Perimeter Gasketing	5050 C x LAR		NA
2 Door Silencers	1229A	GREY	TR

SET #15

Doors: 41, 42, 43

3 Hinges	FBB199 4 1/2 X 4 1/2 NRP	US32D	ST
1 Lockset-Dormitory	45H-7T15H PATD	626	BE
1 Closer	8916 IS	689	DM
1 Door Sweep	C627 A x LAR		NA
1 Gasketing	5050 C x LAR		NA
1 Threshold	896 S x LAR	AL	NA
3 Door Silencers	1229A	GREY	TR

SET #16

Doors: 44, 45, 60, 61, 76

3 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
1 Lockset-Office	45H-7AT15H PATD	626	BE
1 Wall Bumper	1270CV	626	TR
1 Perimeter Gasketing	5050 C x LAR		NA
3 Door Silencers	1229A	GREY	TR

SET #17

Doors: 46

3 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
1 Lockset-Office	45H-7AT15H PATD	626	BE
1 Closer w/ Stop	8916 IS	689	DM
1 Kick Plate	K0050 8" x 2" LDW B4E CSK	630	TR
1 Wall Bumper	1270CV	626	TR
1 Perimeter Gasketing	5050 C x LAR		NA
1 Door Sweep	200 NA		NA
1 Saddle Threshold	513 36"	AL	NA
3 Door Silencers	1229A	GREY	TR

SET #18

Doors: 47, 48, 77

3 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
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1 Privacy Set w/ Indicator	45H-0L15H VIB	626	BE
1 Kick Plate	K0050 8" x 2" LDW B4E CSK	630	TR
1 Mop Plate	KM050 6" x 1" LDW B4E CSK	630	TR
1 Wall Bumper	1270CV	626	TR
1 Coat Hook	3072	630	TR
1 Perimeter Gasketing	5050 C x LAR		NA
1 Door Sweep	200 NA		NA

SET #19

Doors: 74, 75

3 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
1 Push Plate	1001-3	630	TR
1 Pull Plate	1014-3B	630	TR
1 Closer	8916 AF89P	689	DM
1 Mop Plate	KM050 6" x 1" LDW B4E CSK	630	TR
1 Kick Plate	K0050 8" x 2" LDW B4E CSK	630	TR
3 Door Silencers	1229A	GREY	TR

SET #20

Doors: 80, 81

3 Hinges	FBB168 4 1/2 X 4 1/2 NRP	US26D	ST
1 Lockset w/Storerm & Deadbolt	45H-7TD15H PATD	630	BE
1 Closer w/ Stop & Hold	8916 ISH	689	DM
1 Mop Plate	KM050 6" x 1" LDW B4E CSK	630	TR
1 Armor Plate	KA050 20" x 34" B4E CSK	630	TR
1 Door Viewer	976U-CAP	625	TR
1 Perimeter Gasketing	5050 C x LAR		NA
1 Door Bottom	35 VA x LAR		NA
1 Saddle Threshold	425 x LAR	AL	NA
3 Door Silencers	1229A	GREY	TR

SET #21

Doors: 82, 83

3 Hinges	FBB179 4 1/2 X 4 1/2	US26D	ST
1 Lockset w/Storerm & Deadbolt	45H-7TD15H PATD	630	BE
1 Perimeter Gasketing	5050 C x LAR		NA
1 Door Bottom	35 VA x LAR		NA
1 Saddle Threshold	425 x LAR	AL	NA
3 Door Silencers	1229A	GREY	TR

Opening List

<u>Opening</u>	<u>Hdw Set</u>
1	01
2	01
3	06
4	10
5	10
6	06
7	06
8	10
9	10

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10	06
11	12
12	11
13	10
14	11
15	10
20	02
21	14
22	14
23	14
26	01
27	06
28	10
29	10
30	06
31	06
32	10
33	10
34	06
41	15
42	15
43	15
44	16
45	16
46	17
47	18
48	18
49	05
50	04
51	04
55	03
56	03
57	09
58	10
59	10
60	16
61	16
65	01
67	03
68	03
69	13
70	01
71	08
72	08
73	08
74	19
75	19
76	16
77	18
78	07
80	20
81	20
82	21
83	21