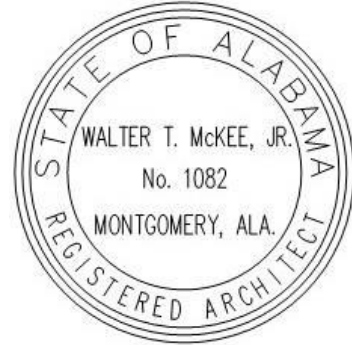


Addendum No. 2
Date: September 28, 2022



Project:
Gym Addition to East Franklin
Junior High School for the
Franklin County Board of Education
Phil Campbell, Alabama

MCKEE PROJECT NO. 21.269
ALABAMA DIVISION OF CONSTRUCTION MANAGEMENT NO.

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.

A2.1 GENERAL MODIFICATIONS:

- A. Refer to the **Advertisement for Bids**, **Change** as follows:
1. The sealed proposal as described above shall be received by Mr. Greg Hamilton, Superintendent at the Franklin Board of Education, 500 Coffee Avenue NE, Russellville, AL 35653; Phone: 256-332-1360, **until 2:00 PM Central Time, Tuesday, October 25, 2022**, then opened and read aloud.

A2.2 SPECIFICATION MODIFICATIONS:

- A. Refer to **Section 08700 Finish Hardware, Revised 9.16.22**, herein.

A2.3 DRAWING MODIFICATIONS:

- A. NONE.

A2.4 CLARIFICATIONS & RESPONSES:

- A. See the following responses to RFI questions received from Contractor's

Question: NONE

Answer:

- B. See the following clarifications as follows:
1. NONE

END OF ADDENDUM

SECTION 08700 - FINISH HARDWARE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

- A. This Section includes items known commercially as finish or door hardware that are required for swing, sliding, and folding doors, except special types of unique hardware specified in the same sections as the doors and door frames on which they are installed.
- B. This Section includes the following:
 - 1. Hinges.
 - 2. Key control system.
 - 3. Lock cylinders and keys.
 - 4. Lock and latch sets.
 - 5. Bolts.
 - 6. Exit devices.
 - 7. Push/pull units.
 - 8. Closers.
 - 9. Overhead holders.
 - 10. Miscellaneous door control devices.
 - 11. Door trim units.
 - 12. Protection plates.
 - 13. Weather-stripping for exterior doors.
 - 14. Sound stripping for interior doors.
 - 15. Astragals or meeting seals on pairs of doors.
 - 16. Thresholds.
- C. Related Sections: The following Sections contain requirements that relate to this Section:
 - 1. Division 8 Section "Standard Steel Doors and Frames" for silencers integral with hollow metal frames.
 - 2. Division 8 Section "Flush Wood Doors" for factory pre-fitting and factory pre-machining of doors for door hardware.
 - 3. Division 8 Section "Aluminum Entrances and Storefronts" for aluminum entrance door hardware, except cylinders.

1.3 HARDWARE ALLOWANCE

- A. Allowance of \$1,250.00 for Certified AHC (Architectural Hardware Consultant) & FDAI (Fire Door Assembly Inspector – document of certification from DHI must be provided) to visit job site upon substantial completion as directed by Architect. A written report will be required for the Owner, Architect, and Contractor

1.4 QUALITY ASSURANCE

- A. Door hardware supplier's responsibilities shall be as follows:
 - 1. Submittals: Submit through Contractor required product data, final hardware schedule;

separate keying schedule, and samples as specified in this Section, unless otherwise indicated.

2. **Hardware Review Meeting:** Hardware Supplier shall attend a scheduled “Hardware Review Meeting” with the Contractor, Owner and Architect representative. All Hardware products, hardware installation locations, finishes, color selections, ratings and keying is to be reviewed and discussed. The Hardware Supplier understands the Hardware Submittal is not deemed “Fully Approved” until the Owner has completed their review and given “Approval”.
 3. Construction Schedule: Inform Contractor promptly of estimated times and dates that will be required to process submittals, to furnish templates, to deliver hardware, and to perform other work associated with furnishing door hardware for purposes of including this data in construction schedule. Comply with this schedule.
 4. Coordination and Templates: Assist Contractor as required to coordinate hardware with other work in respect to both fabrication and installation. Furnish Contractor with templates and deliver hardware to proper locations.
 5. Product Handling: Package, identify, deliver, and inventory door hardware specified in this Section.
 6. Discrepancies: Based on requirements indicated in Contract Documents in effect at time of door hardware selection, furnish types, finishes, and quantities of door hardware, including fasteners, and Owner’s maintenance tools required to comply with specified requirements and as needed to install and maintain hardware. Furnish or replace any items of door hardware resulting from shortages and incorrect items at no cost to the Owner or Contractor. Obtain signed receipts from Contractor for all delivered materials.
- B. Contractor’s responsibilities shall be as follows:
1. Submittals: Coordinate and process submittals for door hardware in same manner as submittals for other work.
 2. **Hardware Review Meeting:** Contractor is to schedule and attend a “Hardware Review Meeting” with the Owner, Hardware Supplier and Architect Representative. All Hardware products, hardware installation locations, finishes, color selections, ratings and keying is to be reviewed and discussed. The Contractor understands the Hardware Submittal is not deemed “Fully Approved” until the Owner has completed their review and given “Approval”.
 3. Construction Schedule: Cooperate with door hardware supplier in establishing scheduled dates for submittals and delivery of templates and door hardware. Incorporate in construction schedule the times and dates related to furnishing hardware by door hardware supplier.
 4. Coordination: Coordinate door hardware with other Work. Furnish hardware supplier or manufacturer with shop drawings of other work where required or requested. Verify completeness and suitability of hardware with supplier. Coordinate all wiring, raceways, accesses and final connections to all electronic devices and components per manufacturer requirements for a fully functioning system.
 5. Product Handling: Provide secure lock-up for hardware delivered to the site. Inventory hardware jointly with representative of hardware supplier and issue signed receipts for all delivered materials.
 6. Installation Information: The general types and approximate quantities of hardware required for this Project are indicated at the end of this Section in order to establish Contractor’s costs for installation and other work not included in allowance.
 7. No adjustments in Contract sum will be made for costs other than those covered by the allowances for subsequent increases or decreases in quantity of one or more hardware types that do not exceed 5 percent.

1.5 SUBMITTALS

- A. General: Submit the following in accordance with Conditions of Contract and Division 1 Specification sections.

- B. Product data including manufacturers' technical product data for each item of door hardware, installation instructions, maintenance of operating parts and finish, and other information necessary to show compliance with requirements.
- C. Final hardware schedule coordinated with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.
 - 1. Upon return of the reviewed finish hardware schedule, arrange for a meeting with the Owner and representatives of Architect. A keying schedule will be established and submitted to the Architect and Owner. After review, the keying schedule will be returned to representatives of Finish Hardware Supplier so that permanent cylinders and keys can be prepared on a timely basis.

1.6 QUALITY ASSURANCE

- A. Substitutions: All substitution requests must be submitted before bidding and within the procedures and time frame as outlined in Division 1, General Requirements. Approval of products is at the discretion of the architect and his hardware consultant.
- B. Single Source Responsibility: Obtain each type of hardware (latch and lock sets, hinges, closers, etc.) from a single manufacturer.
- C. Supplier Qualifications: A recognized architectural door hardware supplier, with warehousing facilities in the Project's vicinity, that has a record of successful in-service performance for a minimum of 10 years, for supplying door hardware similar in quantity, type, and quality to that indicated for this Project and that employs an experienced " Certified "architectural hardware consultant (AHC)" as recognized by the Door and hardware Institute (DHI). All submittals shall be signed by an AHC who is available to Owner, Architect, and Contractor, at reasonable times during the course of the Work, for consultation.
- D. Fire-Rated Openings: Provide door hardware for fire-rated openings that complies with NFPA Standard No. 80 and requirements of authorities having jurisdiction. Provide only items of door hardware that are listed and are identical to products tested by UL, Warnock Hersey, FM, or other testing and inspecting organization acceptable to authorities having jurisdiction for use on types and sizes of doors indicated in compliance with requirements of fire-rated door and door frame labels.

1.7 PRODUCT HANDLING

- A. Tag each item or package separately with identification related to final hardware schedule, and include basic installation instructions with each item or package.
- B. Packaging of door hardware is responsibility of supplier. As material is received by hardware supplier from various manufacturers, sort and repackage in containers clearly marked with appropriate hardware set number to match set numbers of approved hardware schedule. Two or more identical sets may be packed in same container.
- C. Inventory door hardware jointly with representatives of hardware supplier and hardware installer until each is satisfied that count is correct.
- D. Deliver individually packaged door hardware items promptly to place of installation (shop or Project site).
- E. Provide secure lock-up for door hardware delivered to the Project, but not yet installed. Control handling and installation of hardware items that are not immediately replaceable so that completion of the Work will not be delayed by hardware losses both before and after installation.

1.8 MAINTENANCE

- 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 HINGES

A. MANUFACTURERES

1. Ives
2. McKinney
3. Bommer

B. MATERIAL:

1. Provide only template produced units
2. Provide Phillips flat-head or machine screws for installation of units, except furnish Phillips flat-head wood screws for installation of units in to wood. Finish screw heads to match surface of hinges or pivots.
3. Hinge pins, except as noted, are to be provided as follows:
 - a. Steel Hinges: Steel pins
 - b. Non-ferrous Hinges: Stainless steel pins
 - c. Exterior Doors: Use Non-Removable Pins
 - d. Interior Doors: Non-rising pins
 - e. Electric Hinges: Non-removable pins
4. Tips shall be flat button and matching plug, finished to match leaves.
5. Provide number of hinges indicated but not less than three (3) hinges for door leaf of 90" or less in height and one additional hinge for each 30" of additional height.
6. Provide ball bearing hinges of the type and weight suggested by the hinge manufacturer for each type of door application.

2.2 LOCK CYLINERS AND KEYING:

A. MANUFACTURERES

1. Match existing keying system of the school. Provide a master keyed cylinder for all locks and exit devices. *Cylinders shall be standard 6-pin or small/large format interchangeable core – type as required to match existing the owner's existing master key system. Field verify with the owner. Match existing keyways.* Hardware supplier shall field verify with the owner.

B. MATERIAL

1. Existing System: Grandmaster key the locks to the Owner's existing system, with a new master key for the Project.
2. Review the keying system with the Owner and provide the type required (master, grandmaster or great-grandmaster), either new or integrated into Owner's existing system.
3. Metals: Construct lock cylinder parts from brass or bronze, stainless steel, or nickel silver.
4. Comply with Owner's instructions for master keying and, except as otherwise indicated, provide individual change key for each lock that is not designated to be keyed alike with a group of related locks.
5. Permanently inscribe each key with number of lock that identifies cylinder manufacturer's key symbol, and notation, "DO NOT DUPLICATE".
6. Key Material: Provide keys of nickel silver only.
7. Key Quantity: Furnish (3) change keys for each lock, (5) master keys for each master system, (5) grandmaster keys for each grandmaster system, (10) construction master keys.
 - a. Furnish one extra blank for each lock.

- b. Furnish construction master keys to General Contractor.
- c. Deliver keys to Owner.

2.3 LOCKSETS AND LATCHSETS

A. MANUFACTURERES

- 1. Schlage L9000 Series, 17A design
- 2. Corbin ML2000 Series, PSA Design
- 3. Accurate 9100 Series, 39L-1R Design

B. MATERIAL

- 1. Locksets and latch-sets of all manufacturers must conform to the requirements of Sub paragraphs 2 and be approved by the Architect.
- 2. Mortise Lock Type
 - a. Locksets and latch sets must conform to ANSI A156.2 Series 1000, Operational Grade 1, and be UL Listed.

2.4 EXIT DEVICES

A. MANUFACTURERES

- 1. Von Duprin 98 Series
- 2. Precision 2000 Series
- 3. Detex 10 Series

B. MATERIAL

- 1. All exit devices to be of one manufacturer and provided in same finish design as locksets.
- 2. Provide sex nuts and bolts for attachment of surface applied items to doors.
- 3. Devices shall be UL listed. Devices for fire rated openings shall bear factory installed UL markings that indicate approval for fire rated openings.
- 4. All exit devices shall be touch-bar type design.
- 5. All exit devices shall comply with ANSI A156.3, Grade 1.
- 6. Exit device lever trim shall be equal to Von Duprin break away vandal resistant #996I-17.
- 7. All exit devices shall be equipped with flush end caps.
- 8. All exit devices shall be equipped with guarded (deadlocking) latch bolts.
- 9. Security Indicators for "Keyed Cylinder Dogging" - Provide Von Duprin "CDSI", dogging indicator provides an at-a-glance verification of the status of the door from inside of the room. Visible "LOCKED" and "UNLOCKED" indicators show whether the device is undogged or dogged.
- 10. Security Indicators for "-2SI-Classroom Exit Device Locking Lever Trim". The "-2SI" Security Indicator provides an at-a-glance verification of the LOCKED/UNLOCKED status of the door from inside of the room. Facility staff to be able to lock/unlock outside exit device lever trim from classroom side of door, avoiding corridor exposure.
- 11. All exit devices shall be provided with anti-microbial coated stainless steel touch bars. Plastic touch pads or plastic covered touch pads will not be accepted.
- 12. All exit devices are to be installed using through-bolts. All exit devices and exit device strikes shall be installed using manufacturer's supplied fasteners. Substitution of manufacturer's fasteners will not be allowed.
- 13. ICC500 rated exit devices are to be compatible with the specified Tornado-Resistant Assemblies, see specification Section 08349.

2.5 CLOSERS

A. MANUFACTURERES

1. LCN 4000 series
2. Sargent 281 Series
3. Norton 9500

B. MATERIAL

1. Size of units: Except as otherwise specifically indicated, comply with the manufacturer's recommendations for size of door control unit, depending upon size of door, exposure to weather and anticipated frequency of use.
 - a. Where parallel arms are indicated for closers, provide closer unit one size larger than recommended for use with standard arms.
 - b. Where manual closers are indicated for doors required to be accessible to the physically handicapped, provide adjustable units, ANSI opening force and delayed action closing.
2. Closers are to be fully hydraulic, rack and pinion action with high strength cast iron cylinders and one piece forged steel pistons. Closer case piston diameter shall be minimum 1½". Hydraulic regulation to be controlled by tamper-proof, non-critical screw valves, adjustable with a hex by tamper-proof, non-critical screw valves, adjustable with a hex wrench. Separate adjustments for back check, general speed, and latch speed. Where detailed in the door hardware sets, provide delayed action feature to delay closing up to one minute for maximum opening to approximately 75. Back check shall be properly located for protection of the door, frame and applied hardware.
3. All door closers shall comply with ANSI A156.4 Grade 1 and meet the standards of ANSI A117.1 for barrier-free accessibility.
4. Provide closers with full metal covers.
5. All closers are to be through bolt mounted. All door closers are to be installed using manufacturer supplied fasteners. Substitution of manufacturers supplied fasteners is not permitted.
6. All surface door closers are to be provided with required mounting brackets, mounting plates, drop plates, shims, spacers, arms, special templating, etc. as required for the specified closer and arm function, whether specified in the door hardware sets or not.

2.6 OVERHEAD STOPS AND HOLDERS

A. MANUFACTURERES

1. Glynn Johnson
2. Sargent
3. Rixson

B. MATERIAL

1. Conform to ANSI A156.8 Grade 1.

2.7 PUSH/PULLS & PROTECTION PLATES

A. MANUFACTURERES

1. Ives
2. Trimco
3. Burns

B. MATERIAL

1. Provide manufacturers standard exposed fasteners for installation, through bolted for matched pairs, but not of single units.

2. Provide 16 gauge minimum thickness for plates.
3. Where specified in the schedule, push/pulls shall have an antimicrobial coating.

2.8 THRESHOLDS, WEATHERSTRIPPING & GASKETING

A. MANUFACTURERES

1. Zero
2. National Guard
3. Pemko

B. MATERIAL

1. Provide continuous weather-stripping at each edge of every exterior door leaf, except as otherwise indicated.
2. Provide type, size and profile shown as scheduled.
3. Provide non-corrosive fasteners as recommended by manufacturer for application indicated. Do not specify adhesive backed weather-strip or gasket material.
4. Where replaceable seal strips are scheduled, provide only those units where resilient or flexible seal strip is easily replaceable from stocks maintained by manufacturer.
5. Proved standard metal threshold unit of type, size and profile shown as scheduled.

2.9 FINISHES

- A. Hardware finishes shall conform to ANSI and shall be as listed below for aluminum, FRP, hollow metal and wood doors:

B. Finishes Table:

| | |
|-----------------------------------|---|
| Butt Hinges | 652 Satin Chrome Plated Steel |
| Continuous Geared Aluminum Hinges | 628 Clear Anodized Aluminum for wood and hollow metal doors. Aluminum Storefront Doors provide custom anodized color or custom color Kynar paint finish as required to match the specified door finish. |
| Flush Bolts | 626 Satin Chrome Plated |
| Locksets | 626AM Satin Chrome Plated, Anti-Microbial |
| Exit Devices | 626AM Satin Chrome Plated, Anti-Microbial |
| Door Closers | Wood and Hollow Metal Doors: 689 Powder Coat Aluminum. Aluminum storefront doors, provide LCN RAL custom color as required to match specified frame and door finish. |
| Push Plates | 630AM Satin Stainless Steel, Anti-Microbial |
| Pull Plates | 630AM Satin Stainless Steel, Anti-Microbial |
| Protective Plates | 630 Satin Stainless Steel |
| Door Stops | 626 Satin Chrome Plated |
| Overhead Holders | 630 Satin Stainless Steel |

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install each hardware item in compliance with manufacturer's instructions and recommendations. Where cutting and fitting is required to install hardware onto or into surfaces that are later to be painted or finished in another way, install each item completely and then remove and store in a secure place during the finish application. After completion of the finishes, reinstall each item.

1. Do not install surface mounted items until finishes have been completed on the substrate.

- B. Conform to ANSI A117.1 for positioning requirements for the handicapped.

3.2 PROTECTION AND CLEANING

- A. After installation, clean metal surfaces on both interior and exterior of all mortar, paint and other contaminants. After cleaning, protect work against damage.

3.3 FINAL ADJUSTMENT

- A. Whenever hardware is installed more than one month prior to occupancy or acceptance, return during the week prior to acceptance or occupancy and make a final inspection and adjustment of all hardware items in such space or area.

3.4 SCHEDULE

HWSET: 01
DOOR NUMBER:

G101D **G101E** **G101F**

EACH TO HAVE:

| | | | |
|---|--|----------------------------|-----|
| 2 | CONT. HINGE | 224XY | IVE |
| 1 | KEYED REMOVABLE MULLION | KR4954 | VON |
| 1 | PANIC HARDWARE | LD-98-EO-990EO-SNB | VON |
| 1 | PANIC HARDWARE W/ VISIBLE "LOCKED" AND "UNLOCKED" INDICATORS | CDSI-98-NL-990NL-SNB | VON |
| 1 | CYL W/CONST CORE | 80-159 | SCH |
| 2 | CYL W/CONST CORE | 80-132 | SCH |
| 3 | CORE | 80-037 | SCH |
| 2 | SURFACE CLOSERS | 4111-SCUSH TBSRT | LCN |
| 2 | KICK PLATES | 8400 10" X 1 1/2" LDW B-CS | IVE |
| 1 | MULLION SEAL | 139N PSA | ZER |
| 1 | THRESHOLD | 65A | ZER |
| 2 | DOOR SWEEP | 8198AA | ZER |
| 1 | GASKETING | 8144S-BK | ZER |
| 1 | OVERHEAD DRIP CAP | 142A | ZER |

HWSET: 02
DOOR NUMBER:

G101a **G101b**

EACH TO HAVE:

| | | | |
|---|--|----------------------------|-----|
| 2 | CONT. HINGE | 224XY | IVE |
| 1 | KEYED REMOVABLE MULLION | KR4954 | VON |
| 1 | PANIC HARDWARE | LD-98-EO-990EO-SNB | VON |
| 1 | PANIC HARDWARE W/ VISIBLE "LOCKED" AND "UNLOCKED" INDICATORS | CDSI-98-NL-990NL-SNB | VON |
| 1 | CYL W/CONST CORE | 80-159 | SCH |
| 2 | CYL W/CONST CORE | 80-132 | SCH |
| 3 | CORE | 80-037 | SCH |
| 2 | SURFACE CLOSERS | 4111 TBSRT | LCN |
| 2 | KICK PLATES | 8400 10" X 1 1/2" LDW B-CS | IVE |
| 2 | MOP PLATE | 8400 6" X 1" LDW B-CS | IVE |
| 2 | WALL STOP | WS406/407CVX | IVE |
| 1 | MULLION SEAL | 139N PSA | ZER |
| 2 | SILENCERS | SR64 | IVE |

HWSET: 03 – NOT USED

HWSET: 04

DOOR NUMBER:

G110a

G101c

EACH TO HAVE:

| | | | |
|---|--|------------------------|-----|
| 2 | CONTINUOUS GEAR HINGES | 224XY | IVE |
| 1 | KEYED REMOVABLE MULLION (FIRE RATED) | KR9954 | VON |
| 1 | PANIC HARDWARE | 98-EO-F-SNB | VON |
| 1 | PANIC HARDWARE W/VISUAL CLASSROOM SECURITY INDICATOR: LOCKED/UNLOCKED | 98-L-F-2SI-SNB | VON |
| 2 | CYL W/CONST CORE | 80-159 | SCH |
| 1 | CYL W/CONST CORE | 80-132 | SCH |
| 3 | CORE | 80-037 | SCH |
| 2 | SURFACE CLOSER | 4111 SCUSH TBSRT | LCN |
| 2 | KICK PLATE | 8400 10" X 2" LDW B-CS | IVE |
| 2 | MOP PLATE | 8400 6" X 1" LDW B-CS | IVE |
| 1 | MULLION SEAL | 139N PSA | ZER |
| 1 | GASKET | 188S-BK | ZER |
| 2 | MEETING EDGE SEAL | 328AA | ZER |

HWSET: 05

DOOR NUMBER:

G105

G106

G110c

G116

EACH TO HAVE:

| | | | |
|---|---------------------------------|------------------------|-----|
| 3 | HINGE | 5BB1 4.5 X 4.5 NRP | IVE |
| 1 | STOREROOM LOCK W/CONST. CORE | L9080HD | SCH |
| 1 | CORE | 80-037 | SCH |
| 1 | SURFACE CLOSER | 4111 SCUSH TBSRT | LCN |
| 1 | KICK PLATE | 8400 10" X 2" LDW B-CS | IVE |
| 1 | MOP PLATE | 8400 6" X 1" LDW B-CS | IVE |
| 1 | GASKET | 188S-BK | ZER |

HWSET: 06

DOOR NUMBER:

G108

G109

G117

G118

EACH TO HAVE:

| | | | |
|---|----------------|------------------------|-----|
| 3 | HINGE | 5BB1HW 4.5 X 4.5 | IVE |
| 1 | PASSAGE SET | L9010 | SCH |
| 1 | SURFACE CLOSER | 4011 TBSRT | LCN |
| 1 | KICK PLATE | 8400 10" X 2" LDW B-CS | IVE |
| 1 | MOP PLATE | 8400 6" X 1" LDW B-CS | IVE |
| 1 | WALL STOP | WS406/407CVX | IVE |
| 1 | GASKET | 188S-BK | ZER |

Gym Addition to
East Franklin Junior High School for the
Franklin County Board of Education
Phil Campbell, Alabama

FINISH HARDWARE
08700-10
Revised 9.16.22

MCKEE PROJECT NO. 21.269

HWSET: 07

DOOR NUMBER:

G112 G113 G119

EACH TO HAVE:

| | | | |
|---|--|------------------------|-----|
| 3 | HINGE | 5BB1HW 4.5 X 4.5 | IVE |
| 1 | CLASSROOM SECURITY LOCK WITH INSIDE INDICATOR WHICH PROVIDES 180 DEGREE VISIBILITY | L9071HD L283-711 | SCH |
| 2 | CORE | 80-037 | SCH |
| 1 | SURFACE CLOSER | 4011 TBSRT | LCN |
| 1 | KICK PLATE | 8400 10" X 2" LDW B-CS | IVE |
| 1 | MOP PLATE | 8400 6" X 1" LDW B-CS | IVE |
| 1 | WALL STOP | WS406/407CVX | IVE |
| 1 | GASKET | 188S-BK | ZER |

CLASSROOM SECURITY LOCK OPERATION: LATCHBOLT RETRACTED BY KNOB/LEVER FROM EITHER SIDE UNLESS OUTSIDE IS LOCKED BY KEY FROM EITHER SIDE. AUXILIARY LATCH DEADLOCKS LATCHBOLT WHEN DOOR IS LOCKED. INSIDE KNOB/ LEVER IS ALWAYS FREE FOR IMMEDIATE EGRESS.

HWSET: 08

DOOR NUMBER:

G111

EACH TO HAVE:

| | | | |
|---|----------------|------------------------|-----|
| 3 | HINGE | 5BB1HW 4.5 X 4.5 | IVE |
| 1 | ENTRY LOCKSET | L9456HD | SCH |
| 1 | CORE | 80-037 | SCH |
| 1 | SURFACE CLOSER | 4011 TBSRT | LCN |
| 1 | KICK PLATE | 8400 10" X 2" LDW B-CS | IVE |
| 1 | MOP PLATE | 8400 6" X 1" LDW B-CS | IVE |
| 1 | WALL STOP | WS406/407CVX | IVE |
| 1 | GASKET | 188S-BK | ZER |

HWSET: 09

DOOR NUMBER:

G104a

EACH TO HAVE:

| | | | |
|---|---------------|------------------------|-----|
| 3 | HINGE | 5BB1HW 4.5 X 4.5 | IVE |
| 1 | ENTRY LOCKSET | L9456HD | SCH |
| 1 | CORE | 80-037 | SCH |
| 1 | KICK PLATE | 8400 10" X 2" LDW B-CS | IVE |
| 1 | MOP PLATE | 8400 6" X 1" LDW B-CS | IVE |
| 1 | WALL STOP | WS406/407CVX | IVE |
| 3 | SILENCERS | SR64 | IVE |

HWSET: 10

DOOR NUMBER:

G102

G103

EACH TO HAVE:

| | | | |
|---|----------------|------------------------|-----|
| 3 | HINGE | 5BB1HW 4.5 X 4.5 | IVE |
| 1 | PUSH PLATE | 8200 8" X 16" | IVE |
| 1 | PULL PLATE | 8303 8"; 4" X 16" | IVE |
| 1 | SURFACE CLOSER | 4011 TBSRT | LCN |
| 1 | KICK PLATE | 8400 10" X 2" LDW B-CS | IVE |
| 1 | MOP PLATE | 8400 6" X 1" LDW B-CS | IVE |
| 1 | WALL STOP | WS406/407CVX | IVE |
| 1 | GASKET | 188S-BK | ZER |

HWSET: 11

DOOR NUMBER:

G110b

G110d

G110e

EACH TO HAVE:

| | | | |
|---|---------------------|------------------------|-----|
| 1 | CONTINUOUS GEAR | 224XY | IVE |
| | HINGES | | |
| 1 | PANIC HARDWARE | 98-L-F-2SI-SNB | VON |
| | W/VISUAL CLASSROOM | | |
| | SECURITY INDICATOR: | | |
| | LOCKED/UNLOCKED | | |
| 2 | CYL W/CONST CORE | 80-159 | SCH |
| 2 | CORE | 80-037 | SCH |
| 1 | SURFACE CLOSER | 4111 CUSH TBSRT | LCN |
| 1 | KICK PLATE | 8400 10" X 2" LDW B-CS | IVE |
| 1 | MOP PLATE | 8400 6" X 1" LDW B-CS | IVE |
| 1 | GASKET | 188S-BK | ZER |

HWSET: 12

DOOR NUMBER:

G110f

EACH TO HAVE:

| | | | |
|---|----------------------|-----------------------|-----|
| 6 | BUTT HINGES | 5BB1 4.5 X 4.5 X NRP | IVE |
| 1 | KEYED REMOVABLE | KR9954 | VON |
| | MULLION (FIRE RATED) | | |
| 1 | PANIC HARDWARE | 98-EO-F-SNB | VON |
| 1 | PANIC HARDWARE | 98-L-F-SNB | VON |
| 1 | CYL W/CONST CORE | 80-159 | SCH |
| 1 | CYL W/CONST CORE | 80-132 | SCH |
| 2 | CORE | 80-037 | SCH |
| 2 | SURFACE CLOSER | 4111 CUSH TBSRT | LCN |
| 2 | MOP PLATE | 8400 6" X 1" LDW B-CS | IVE |
| 1 | MULLION SEAL | 139N PSA | ZER |
| 1 | GASKET | 188S-BK | ZER |
| 2 | MEETING EDGE SEAL | 328AA | ZER |

Gym Addition to
East Franklin Junior High School for the
Franklin County Board of Education
Phil Campbell, Alabama

FINISH HARDWARE
08700-12
Revised 9.16.22

MCKEE PROJECT NO. 21.269

HWSET: 13

DOOR NUMBER:

G104b

ALL HARDWARE PROVIDED BY DOOR SUPPLIER/MFG

HWSET: AL-01

DOOR NUMBER:

G100A

G100B

EACH TO HAVE:

| | | | |
|---|--|-----------------------------|-----|
| 2 | CONT. HINGE | 112XY | IVE |
| 1 | REMOVABLE MULLION | KR4954 | VON |
| 1 | PANIC HARDWARE W/VISIBLE LOCKED/UNLOCKED INDICATORS | CDSI-35A-EO-299 | VON |
| 1 | PANIC HARDWARE W/VISIBLE LOCKED/UNLOCKED INDICATORS | CDSI-35A-NL-OP-388-299 | VON |
| 1 | CYLINDERS | 80-159 | SCH |
| 3 | CYLINDERS | 80-132 | SCH |
| 4 | CORE | 80-037 | SCH |
| 2 | PULLS | 8190EZHD 12" O | IVE |
| 2 | CONCEALED OH STOP | 100S | GLY |
| 2 | SURFACE CLOSER | 4021 W/DROP PLATE 18G TBSRT | LCN |
| 1 | PERIMETER SEAL | BY ALM DOOR MFR | |
| 1 | MEETING EDGE SEAL | BY ALM DOOR MFR | |
| 2 | DOOR SWEEP | BY ALM DOOR MFR | |
| 1 | THRESHOLD | 65A | ZER |
| 1 | MULLION SEAL | 139N PSA | ZER |

COORDINATE HARDWARE WITH ALUMINUM DOOR/FRAME MANUFACTURER/SUPPLIER.

HWSET: AL-02 (FIRE RATED ALUMINUM STOREFRONT)

DOOR NUMBER:

G107

EACH TO HAVE:

| | | | |
|---|--|----------------------------|-----|
| 2 | CONT. HINGE | 112XY | IVE |
| 1 | FIRE RATED REMOVABLE MULLION | KR9954 | VON |
| 1 | FIRE RATED PANIC HARDWARE | 98-EO-F-SNB | VON |
| 1 | FIRE RATED PANIC HARDWARE W/VISUAL CLASSROOM SECURITY INDICATOR: LOCKED/UNLOCKED | 98-L-F-2SI-SNB | VON |
| 2 | CYLINDERS | 80-159 | SCH |
| 1 | CYLINDERS | 80-132 | SCH |
| 3 | CORE | 80-037 | SCH |
| 2 | SURFACE CLOSER | 1461 TJ W/DROP PLATE TBSRT | LCN |
| 2 | FLOOR STOPS | FS18S | IVE |
| 1 | PERIMETER SEAL | BY ALM DOOR MFR | |
| 1 | MEETING EDGE SEAL | BY ALM DOOR MFR | |
| 2 | DOOR SWEEPS | BY ALM DOOR MFR | |
| 1 | THRESHOLD | 65A | ZER |
| 1 | MULLION SEAL | 139N PSA | ZER |

COORDINATE HARDWARE WITH FIRE RATED ALUMINUM DOOR/FRAME MANUFACTURER/SUPPLIER.

END OF SECTION

Gym Addition to
East Franklin Junior High School for the
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FINISH HARDWARE
08700-13
Revised 9.16.22

MCKEE PROJECT NO. 21.269