

Schroeder Architects

Architecture :: Interiors :: Urban Design

3118 East Shadowlawn Avenue, NE

Atlanta, Georgia 30305

Phone 404.733.2626

Addendum: 001

South Bibb Park – Pavilion Package

Project: South Bibb Park Recreation Center
Sardis Church Road & Houston Rd.
Macon, Georgia 31216

Architect: Schroeder Architects
3118 East Shadowlawn Ave, NE
Atlanta, Georgia 30305
Phone: 404.733.2626
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Issuance Date: December 11, 2015

Job Number: 150501

Owner: Macon-Bibb County Recreation Department
115 Willie Smokie Glover Drive
Macon, Georgia 31201

Contractor: All Bidding Contractors

This Amendment shall be considered part of the bid documents for the above-mentioned project as though it had been issued at the same time and shall be incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original bid documents, this Amendment shall govern and take precedence. BIDDERS MUST SIGN THE AMENDMENT AND SUBMIT IT WITH THEIR BIDS.

Bidders are hereby notified that they shall make any necessary adjustments in their estimates as a result of this Amendment. It will be construed that each bidder's proposal is submitted with full knowledge of all modifications and supplemental data specified herein.

Except as described below, the original bid document remains unchanged. The bid documents are modified and/or clarified, as follows:

Bidder must acknowledge this amendment by signing below and attaching the signed amendment to the bid form:

Company Name: _____

Contact Person: _____

Signature: _____

Date: _____

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1.0 Substitution Requests:

- All substitution requests have been reviewed for general compliance with the documents. Burden of proof that the proposed substitution is equivalent to the specified product is on the proposer.
- Contractor is responsible for coordinating installation of substitution requests and making all required changes in the Work, at no cost to the Owner.
- All substitution requests shall provide, as a minimum, the same warranty as the specified product.
- Contractor waives all claims for additional costs or time extension which may subsequently become apparent.
- Unless indicated otherwise in this document, all finishes for a substitution request shall be as selected by the Architect from the manufacturer's full range.
- Contractor shall include substitution requests included in his bid on the form 00437 List of Substitutions. This form must be submitted with the bid.

Item	Section Number	Manufacturer and Product Information
1.1		Not Used.

2.0 Changes to the Specifications:

Item	Section Number	Description of Change
2.1	08710B	Added specification section 08710B - Door Hardware. This hardware section is specifically for the pavilion package.

3.0 Changes to the Drawings:

Item	Sheet Number	Description of Change
3.1	A-4.1	Added door hardware to the door schedule.

4.0 Questions:

Item	Description of Change
4.1	Not Used.

5.0 Attachments:

Item	Attachment
5.1	Specification 08711 – Door Hardware (15 pages plus 1 blank sheet)
5.2	Sketch ADDI-01 (IIX17)

SECTION 08710B – DOOR 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. Weatherstripping for exterior doors
 - 14. Sound stripping for interior doors
 - 15. Automatic drop seals (door bottoms)
 - 16. Astragals or meeting seals on pairs of doors
 - 17. Thresholds
- C. Related Sections: The following Sections contain requirements that relate to this Section:
 - 1. Section 01 2000: Price and Payment Procedures
 - 2. Section 08 1113: Hollow Metal Doors and Frames
 - 3. Section 08 1400: Wood Doors
 - 4. Section 08 3323: Coiling Doors
 - 5. Section 08 4113: Aluminum-Framed Entrances and Storefronts
 - 6. Division 26: Electrical
- D. Products furnished but not installed under this Section to include:
 - 1. Cylinders for locks on entrance doors.
 - 2. Final replacement cores and keys to be installed by Owner.

1.3 REFERENCES

- A. Standards of the following as referenced:
 - 1. American National Standards Institute (ANSI)
 - 2. Door and Hardware Institute (DHI)
 - 3. Factory Mutual (FM)
 - 4. National Fire Protection Association (NFPA)
 - 5. Underwriters' Laboratories, Inc. (UL)
 - a. UL 10C - Fire Tests Door Assemblies
 - 6. Warnock Hersey

- B. Regulatory standards of the following as referenced:
 - 1. Department of Justice, Office of the Attorney General, *Americans with Disabilities Act*, Public Law 101-336 (ADA).
 - 2. CABO/ANSI A117.1: *Providing Accessibility and Usability for Physically Handicapped People*, 2010 edition.

1.4 SYSTEM DESCRIPTION

- A. Refer to applicable “Headings” for system description for electric and electro-pneumatic hardware products.

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. For items other than those scheduled in the “Headings” of Section 3, provide catalog information for the specified items and for those submitted.

- C. Final hardware schedule coordinated with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.
 - 1. Final Hardware Schedule Content: Based on hardware indicated, organize schedule into vertical format “hardware sets” indicating complete designations of every item required for each door or opening. Use specification Heading numbers with any variations suffixed a, b, etc. Include the following information:
 - a. Type, style, function, size, and finish of each hardware item.
 - b. Name and manufacturer of each item.
 - c. Fastenings and other pertinent information.
 - d. Location of each hardware set cross-referenced to indications on Drawings both on floor plans and in door and frame schedule.
 - e. Explanation of all abbreviations, symbols, and codes contained in schedule.
 - f. Mounting locations for hardware.
 - g. Door and frame sizes and materials.
 - h. Keying information.
 - i. Cross-reference numbers used within schedule deviating from those specified.

- 1) Column 1: State specified item and manufacturer.
 - 2) Column 2: State prior approved substituted item and its manufacturer.
 2. Furnish complete wiring diagrams, riser diagrams, elevation drawings and operational descriptions of electrical components and systems, listed by opening in the hardware submittals. Elevation drawings shall identify locations of the system components with respect to their placement in the door opening. Operational descriptions shall fully detail how each electrical component will function within the opening, including all conditions of ingress and egress. Provide a copy with each hardware schedule submitted for approval. Supply a copy with delivery of hardware to the jobsite and another copy to the Owner at the time of project completion.
 3. Submittal Sequence: Submit final schedule at earliest possible date particularly where acceptance of hardware schedule must precede fabrication of other work that is critical in the Project construction schedule. Include with schedule the product data, samples, shop drawings of other work affected by door hardware, and other information essential to the coordinated review of schedule.
 4. Keying Schedule: Submit separate detailed schedule indicating clearly how the Owner's final instructions on keying of locks has been fulfilled.
- D. Provide samples if requested of each type of exposed hardware unit in finish indicated and tagged with full description for coordination with schedule. Submit samples prior to submission of final hardware schedule.
1. Samples will be returned to the supplier. Units that are acceptable and remain undamaged through submittal, review, and field comparison process may, after final check of operation, be incorporated in the Work, within limitations of keying coordination requirements.
- E. Templates for doors, frames, and other work specified to be factory prepared for the installation of door hardware. Check shop drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements.
- F. Contract closeout submittals:
1. Operation and maintenance data: Complete information for installed door hardware.
 2. Warranty: Completed and executed warranty forms.
- 1.6 QUALITY ASSURANCE
- A. Single Source Responsibility: Obtain each type of hardware (latch and locksets, hinges, closers, etc.) from a single manufacturer.
- B. 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 supplying door hardware similar in quantity, type, and quality to that indicated for this Project and that employs an experienced Architectural Hardware Consultant (AHC) who is available for consultation to Owner, Architect, and Contractor, at reasonable times during the course of the Work.
- C. Coordination Meetings:
1. General Contractor to set up and attend the following:
 - a. Lock distributor to meet with the Owner to finalize lock functions and keying

- requirements and to obtain final instructions in writing.
- b. Lock distributor and lock, closer and exit device manufacturer to meet with the installer prior to beginning of installation of door hardware. Instruct installer on proper installation of specified products.
- 2. General Contractor to set up and attend the following:
 - a. Meet with the Owner, General Contractor, Supplier, electrical and security contractors to coordinate all electrical hardware items. Supplier to provide riser diagrams, elevation drawings, wiring diagrams and operational descriptions as required by the General and sub-contractors.
- D. Fire-Rated Openings: Provide door hardware for fire-rated openings that complies with NFPA Standard No. 80 requirements of authorities having jurisdiction. Provide only items of door hardware that are listed and tested by UL or Warnock Hersey for given type/size opening and degree of label. Provide proper latching hardware, door closers, approved-bearing hinges and seals whether listed in the Hardware Schedule or not. All hardware to comply with State and local codes and UL 10C.
 - 1. Where emergency exit devices are required on fire-rated doors, (with supplementary marking on doors' UL labels indicating "Fire Door to be equipped with Fire Exit Hardware") provide UL label on exit devices indicating "Fire Exit Hardware".

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 WARRANTY

- A. Special warranties:
 - 1. Door Closers: Twenty-five year period
 - 2. Exit Devices: Three year period
 - 3. Locks and Cylinders: Three year period

1.9 MAINTENANCE

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

PART 2 - PRODUCTS

2.1 MANUFACTURED UNITS

(*Denotes manufacturer referenced in the Hardware Headings)

A. Hinges:

1. Acceptable manufacturers:
 - a. Ives*
 - b. Bommer
 - c. McKinney
2. Characteristics:
 - a. Templates: Provide only template-produced units.
 - b. Screws: Provide Phillips flat-head screws complying with the following requirements:
 - 1) For metal doors and frames install machine screws into drilled and tapped holes.
 - 2) For wood doors and frames install threaded-to-the-head wood screws.
 - 3) For fire-rated wood doors install #12 x 1-1/4" threaded-to-the-head steel wood screws.
 - 4) Finish screw heads to match surface of hinges or pivots.
 - c. Hinge pins: Except as otherwise indicated, provide hinge pins as follows:
 - 1) Out-Swing Exterior Doors: Non-removable pins.
 - 2) Out-Swing Corridor Doors with Locks: Non-removable pins.
 - 3) Interior Doors: Non-rising pins.
 - 4) Tips: Flat button and matching plug. Finished to match leaves.
 - d. Size: Size hinges in accordance with specified manufacturer's published recommendations.
 - e. Quantity: Furnish one pair of hinges for all doors up to 5'-0" high. Furnish one hinge for each additional 2-1/2 feet or fraction thereof.

B. Cylinders:

1. Acceptable manufacturers:
 - a. Schlage* Everest 29
2. Characteristics:
 - a. 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.
 - b. Equip locksets with interchangeable core cylinders (Schlage Everest 29) and auxiliary locking pin.
 - c. Furnish final cores and keys for installation by Owner.
 - d. Metals: Construct lock cylinder parts from brass or bronze, stainless steel, or nickel silver.
 - e. 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.

- 1) Permanently inscribe each key with number of lock that identifies cylinder manufacturer's key symbol, and notation, "DO NOT DUPLICATE".
 - f. Key Material: Provide keys of nickel silver only.
 - g. Key Quantity: Furnish 3 change keys for each lock, 5 master keys for each master system, 5 grandmaster keys for each grandmaster system, 5 construction master keys and 5 control keys for interchangeable core series.
 - 1) Furnish one extra blank for each lock.
 - 2) Furnish construction master keys to General Contractor.
 - 3) Deliver keys to Owner.
- C. Locksets, Latchsets, Deadbolts:
1. Acceptable manufacturers:
 - a. Schlage*
 2. Mortise Locksets and Latchsets: as scheduled.
 - a. Chassis: Cold-rolled steel, handing field-changeable without disassembly.
 - b. Latchbolts: 3/4" throw stainless steel anti-friction type.
 - c. Lever Trim: Through-bolted, accessible design, cast or solid rod lever as scheduled. Spindles: Independent break-away.
 - d. Thumbturns: Accessible design not requiring pinching or twisting motions to operate.
 - e. Deadbolts: Stainless steel 1" throw.
 - f. Electric operation: Manufacturer-installed continuous duty solenoid.
 - g. Strikes: 16 gage curved stainless steel, bronze or brass with 1" deep box construction, lips of sufficient length to clear trim and protect clothing.
 - h. Scheduled Lock Series and Design: Schlage L series, LAT design.
 - i. Certifications:
 - 1) ANSI A156.13, 1994, Grade 1 Operational, Grade 1 Security.
 - 2) ANSI/ASTM F476-84 Grade 30 UL Listed.
 3. Deadbolts: as scheduled. Rotating cylinder trim rings of attack-resistant design. Mounting plates and actuator shields of plated cold-rolled steel. Mounting screws of 1/4" dia. steel and protected by drill-resistant ball bearings. Steel alloy deadbolt with hardened steel roller. Strike with 1/8" thick strike reinforcer and two 3" long screws. ANSI A156.5, 1992 Grade 1 certified.
- D. Closers and Door Control Devices:
1. Acceptable manufacturers:
 - a. LCN Closers* 4050
 2. Characteristics:
 - a. Door closers to have fully hydraulic, full rack and pinion action with a high strength cast aluminum cylinder.
 - b. All closers to utilize a stable fluid withstanding temperature range of 120°F to -30°F without seasonal adjustment of closer speed to properly close the door. Closers for fire-rated doors to be provided with temperature stabilizing fluid that complies with standards UBC 7-2 (1997) and UL 10C.
 - c. Spring power to be continuously adjustable over the full range of closer sizes, and allow for reduced opening force for the physically handicapped. Spring power adjustment (LCN Fast™ Power Adjust) allows for quick and accurate power

adjustment and visually shows closer power size settings by way of dial adjustment gauge located on closer spring tube. Hydraulic regulation to be by tamper-proof, non-critical valves. Closers to have separate adjustment for latch speed, general speed and back check.

- d. All closers to have solid forged steel main arms (and forearms for parallel arm closers) and where specified to have a cast-in solid stop on the closer shoe (“CUSH”). All parallel arm mounted closers to have “EDA” type arms or, where door travel on out-swing doors must be limited, use “CUSH” or “SCUSH” type closers. Auxiliary stops are not required when “CUSH” type closers are used. Provide drop plates where top rail of door is not sufficient for closer mounting. Provide “cush shoe supports” and “blade stop spacers” where dictated by frame details.
 - e. Overhead concealed closers to have spring power adjustable for 50% increase in closing power and fully mortised door tracks.
 - f. Access-Free Manual Closers: Where manual closers are indicated for doors required to be accessible to the physically handicapped provide adjustable units complying with ADA and ANSI A-117.1 provisions for door opening force.
 - g. Closers to be installed to allow door swing as shown on plans. Doors swinging into exit corridors to provide for corridor clear width as required by code. Where possible, mount closers inside rooms.
 - h. Powder coating finish to be certified to exceed 100 hours salt spray testing by ETL, an independent testing laboratory used by BHMA for ANSI certification.
 - i. Magnetic Door Holders to be heavy duty wall or floor mounted with metal housing and complete mounting hardware. Provide 24V holding coils unless otherwise scheduled.
- E. Overhead Door Holders:
1. Acceptable manufacturers:
 - a. Glynn Johnson*
 - b. Rixson Firemark
 2. Characteristics:
 - a. Provide (heavy duty and/or medium duty and/or light duty) door holders (concealed and/or surface mounted) of brass, bronze or stainless steel.
 - b. Concealed holders to be installed with the jamb bracket mortised flush with the bottom of the jamb. The arm and channel to be mortised into the door.
 - c. Surface holders to be installed with the jamb bracket mounted on the stop.
- F. Floor Stops and Wall Bumpers:
1. Acceptable manufacturers:
 - a. Trimco
 - b. Ives*
 - c. Rockwood
 2. Characteristics: Refer to Part 3, Hardware Schedule.
- G. Push Plates:
1. Acceptable manufacturers:
 - a. Trimco
 - b. Ives*
 - c. Rockwood
 2. Characteristics:

- a. Exposed Fasteners: Provide manufacturers standard exposed fasteners.
 - b. Material to be (description - i.e. wrought, extruded, forged, cast etc.) brass/ bronze /aluminum/ stainless steel.
 - c. Provide plates sized as shown in Part 3, Hardware Schedule.
- H. Door Pulls & Pull Plates:
1. Acceptable manufacturers:
 - a. Trimco
 - b. Ives*
 - c. Rockwood
 2. Characteristics:
 - a. Provide concealed thru-bolted trim on back to back mounted pulls, but not for single units.
 - b. Material to be (description - i.e. extruded, forged, cast etc.) brass/ bronze/ aluminum/ stainless steel.
 - c. Provide units sized as shown in Part 3, Hardware Schedule.
- I. Push Pull Sets:
1. Acceptable manufacturers:
 - a. Trimco
 - b. Ives*
 - c. Rockwood
 2. Characteristics:
 - a. Provide mounting systems as shown in hardware sets.
 - b. Material to be (description - i.e. solid rod, tubular, cast etc.) brass/ bronze/ aluminum/ stainless steel.
 - c. Provide push/pull sets sized as shown in Part 3, Hardware Schedule.
- J. Protective Plates:
1. Acceptable manufacturers:
 - a. Trimco
 - b. Ives*
 - c. Rockwood
 2. Characteristics:
 - a. Provide manufacturers standard exposed fasteners for door trim units consisting of either machine screws or self-tapping screws.
 - b. Materials:
 - 1) Metal Plates: Stainless Steel, .050 inch (U.S. 18 gage).
 - c. Fabricate protection plates not more than 2” less than door width on push side and not more than 1” less than door width on pull side. Bevel all four (B4E) edges.
 - d. Heights:
 - 1) Kick plates to be 12” in height.
- K. Thresholds:
1. Acceptable manufacturers:
 - a. Pemko
 - b. Reese Industries
 - c. Zero Weatherstripping*

2. Types: Indicated in Part 3, Hardware Schedule.
 - a. Exterior threshold, use heavy metal gauge a minimum of .200.

L. Door Seals/Gasketing:

1. Acceptable manufacturers:
 - a. Pemko
 - b. Reese Industries
 - c. Zero Weatherstripping*
2. Types: Indicated in Part 3, Hardware Schedule.
 - a. Install weatherstripping and gasketing with double coated 3M tape.

M. Silencers:

1. Acceptable manufacturers:
 - a. Hager
 - b. Ives*
 - c. Rockwood
2. Three for each single door; two for each pair of doors.
3. Omit silencers at openings scheduled to receive perimeter gasketing.

N. Key Cabinet and System:

1. Acceptable manufacturers:
 - a. Telkee, Inc.
2. Provide a key control system including envelopes, labels, tags with self-locking key clips, receipt forms, 3-way visible card index, temporary markers, permanent markers, and standard metal cabinet, all as recommended by system manufacturer, with capacity for 150 percent of the number of locks required for the project.
 - a. Provide complete cross index system set up by key control distributor, and place keys on markers and hooks in the cabinet as determined by the final key schedule.
 - b. Provide hinged-panel type cabinet for wall mounting.
 - c. Provide multiple-drawer type cabinet.

2.2 MATERIALS AND FABRICATION

- A. Manufacturer's Name Plate: Do not use manufacturers' products that have manufacturer's name or trade name displayed in a visible location (omit removable nameplates) except in conjunction with required fire-rated labels and as otherwise acceptable to Architect.
 1. Manufacturer's identification will be permitted on rim of lock cylinders only.
- B. Base Metals: Produce hardware units of basic metal and forming method indicated, using manufacturer's standard metal alloy, composition, temper, and hardness, but in no case of lesser (commercially recognized) quality than specified for applicable hardware units by applicable ANSI/BHMA A156 series standards for each type of hardware item and with ANSI/BHMA A156.18 for finish designations indicated. Do not furnish "optional" materials or forming methods for those indicated, except as otherwise specified.
- C. Fasteners: Provide hardware manufactured to conform to published templates, generally prepared for machine screw installation.

1. Do not provide hardware that has been prepared for self-tapping sheet metal screws, except as specifically indicated.
2. Furnish screws for installation with each hardware item. Provide Phillips flat-head screws except as otherwise indicated. Finish exposed (exposed under any condition) screws to match hardware finish or, if exposed in surfaces of other work, to match finish of this other work as closely as possible including “prepared for paint” surfaces to receive painted finish.
3. Provide concealed fasteners for hardware units that are exposed when door is closed except to the extent no standard units of type specified are available with concealed fasteners.
4. Use thru-bolts for installation of all exit devices, closers, and surface-mounted overhead stops. Coordinate with wood doors and metal doors and frames. Where thru-bolts are used, provide sleeves for each thru bolt as a means of reinforcing the work, or provide sex nuts and bolts.

2.3 HARDWARE FINISHES

- A. Match items to the manufacturer’s standard color and texture finish for the latch and lock sets (or push-pull units if no latch or lock sets).
- B. Provide finishes that match those established by ANSI or, if none established, match the Architect’s sample.
- C. Provide quality of finish, including thickness of plating or coating (if any), composition, hardness, and other qualities complying with manufacturer’s standards, but in no case less than specified by referenced standards for the applicable units of hardware.
- D. Provide protective lacquer coating on all exposed hardware finishes of brass, bronze, and aluminum, except as otherwise indicated. The suffix “-NL” is used with standard finish designations to indicate “no lacquer”.
- E. The designations used to indicate hardware finishes are those listed in ANSI/BHMA A156.18, “Materials and Finishes”, including coordination with the traditional U.S. finishes shown by certain manufacturers for their products.
 1. Hinges (Exterior): 630 (US32D) Satin Stainless Steel
 2. Hinges (Interior): 652 (US26D) Satin Chrome Plated
 3. Flush Bolts: 626 (US26D) Satin Chrome Plated Brass/Bronze
 4. Locks: 630 (US32D) Satin Stainless Steel
 5. Exit Devices: 630 (US32D) Stainless Steel
 6. Door Closers: 689 Powder Coat Aluminum
 7. Push Plates: 630 (US32D) Satin Stainless Steel
 8. Pull Plates: 630 (US32D) Satin Stainless Steel
 9. Protective Plates: 630 (US32D) Satin Stainless Steel
 10. Door Stops: 626 (US26D) Satin Chrome Plated Brass/Bronze
 11. Overhead Holders: 630 Satin Stainless Steel and 689 Powder Coated Steel (as scheduled)
 12. Thresholds/Weatherstripping: 627/628 (US27/US28) Aluminum

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Mount hardware units at heights indicated in following applicable publications, except as specifically indicated or required to comply with governing regulations and except as otherwise directed by Architect.
 - 1. “Recommended Locations for Builders Hardware for Standard Steel Doors and Frames” by the Door and Hardware Institute.
 - 2. “Recommended Locations for Builders Hardware for Custom Steel Doors and Frames” by the Door and Hardware Institute.
 - 3. NWWDA Industry Standard I.S.1.7, “Hardware Locations for Wood Flush Doors”.
- B. Install each hardware item in compliance with the 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, coordinate removal, storage, and reinstallation or application of surface protection with finishing work specified in the Division 9 Sections. Do not install surface-mounted items until finishes have been completed on the substrates involved.
- C. Set units level, plumb, and true to line and location. Adjust and reinforce the attachment substrate as necessary for proper installation and operation.
- D. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors in accordance with industry standards.
- E. Set thresholds for exterior doors in full bed of butyl-rubber or polyisobutylene mastic sealant complying with requirements specified in Division 7 Section “Joint Sealers”.
- F. Weatherstripping and Seals: Comply with manufacturer's instructions and recommendations to the extent installation requirements are not otherwise indicated.

3.2 ADJUSTING, CLEANING, AND DEMONSTRATING

- A. Adjust and check each operating item of hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate freely and smoothly or as intended for the application made.
 - 1. Where door hardware is installed more than one month prior to acceptance or occupancy of a space or area, return to the installation during the week prior to acceptance or occupancy and make final check and adjustment of all hardware items in such space or area. Clean operating items as necessary to restore proper function and finish of hardware and doors. Adjust door control devices to function properly with final operation of heating and ventilating equipment.
- B. Clean adjacent surfaces soiled by hardware installation.

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MACON-BIBB COUNTY PARKS AND RECREATION
SOUTH BIBB PARK
Concessions
115 Willie Smokie Glover Drive, Macon, Georgia 31201
Bid Issue – November 19, 2015

C. Door Hardware Supplier's Field Service:

1. Inspect door hardware items for correct installation and adjustment after complete installation of door hardware.
2. Instruct Owner's personnel in the proper adjustment and maintenance of door hardware and hardware finishes.
3. File written report of this inspection to Architect.

3.3 HARDWARE SCHEDULE

HW SET: 01 – EXTERIOR ENTRY -SGL

DOOR NUMBER:

101 201

EACH TO HAVE:

3	EA	HW HINGE	5BB1HW 4.5 X 4.5 NRP	630	IVE
1	EA	ENTRANCE DEADBLT	L9453T		SCH
1	EA	PERMANENT CORE	23-030		SCH
1	EA	SURFACE CLOSER	4050 SCUSH		LCN
1	EA	KICK PLATE	8400		IVE
1	EA	GASKETING	328AA		ZER
1	EA	DOOR SWEEP	39A		ZER
1	EA	THRESHOLD	626A-MSLA-10		ZER

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MACON-BIBB COUNTY PARKS AND RECREATION
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HW SET: 02 -EXTERIOR STORAGE - SGL

DOOR NUMBER:

102 103

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	630	IVE
1	EA	STOREROOM LOCK	L9080T		SCH
1	EA	PERMANENT CORE	23-030		SCH
1	EA	SURFACE CLOSER	4050 REG		LCN
1	EA	KICK PLATE	8400		IVE
1	EA	WALL STOP	WS407CCV		IVE
1	EA	GASKETING	328AA		ZER
1	EA	DOOR SWEEP	39A		ZER
1	EA	THRESHOLD	626A-MSLA-10		ZER

HW SET: 03 - RESTROOMS - SGL

DOOR NUMBER:

105 106

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5		IVE
1	EA	DEADLOCK	L463T		SCH
1	EA	PERMANENT CORE	23-030		SCH
1	EA	PUSH PLATE	8200 6" X 16"		IVE
1	EA	DOOR PULL	8303-10 CTC		IVE
1	EA	SURFACE CLOSER	4050 REG		LCN
1	EA	KICK PLATE	8400		IVE
1	EA	FLOOR STOP	FS441		IVE
1	EA	GASKETING	328AA		ZER
1	EA	DOOR SWEEP	39A		ZER
1	EA	THRESHOLD	626A-MSLA-10		ZER

Project Number: 150501

MACON-BIBB COUNTY PARKS AND RECREATION
SOUTH BIBB PARK
Concessions
115 Willie Smokie Glover Drive, Macon, Georgia 31201
Bid Issue – November 19, 2015

HW SET: 04 –CHANGING ROOM - SGL

DOOR NUMBER:

202

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	IVE
1	EA	PRIVACY LOCK	L9040	SCH
1	EA	KICK PLATE	8400	IVE
1	EA	FLOOR STOP	FS441	IVE

HW SET: 05 –STORAGE ROOM - SGL

DOOR NUMBER:

203

EACH TO HAVE:

3	EA	HINGE	5BB1 4.5 X 4.5	IVE
1	EA	STOREROOM LOCK	L9080T	SCH
1	EA	PERMANENT CORE	23-030	SCH
1	EA	KICK PLATE	8400	IVE
1	EA	FLOOR STOP	FS441	IVE

HW SET: 05 –OVERHEAD COLING DOORS - SGL

DOOR NUMBER:

104A 104B

EACH TO HAVE:

1	EA	MORTISE CYLINDER	26-061
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DOOR HARDWARE

08710B - 14

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END OF SECTION

DOOR SCHEDULE																			
DR. NO.	RM. NO.	WIDTH	X	HEIGHT	THK	TYPE	MATERIAL	FINISH	LITE SIZE	DETAILS				FRAME		THRESH	HDW	REMARKS	DR. NO.
										LABEL	HEAD	JAMB	SILL	MATERIAL	FINISH				
FIRST FLOOR																			
101	101	3'-0"	X	7'-0"	1 3/4"	A	HOLLOW METAL	PAINT	-	N/A	7/A-4.1	8/A-4.1	12/A-4.1	HOLLOW METAL	PAINT	ALUM.	1	PROVIDE DOOR CLOSER	101
102	102	3'-0"	X	7'-0"	1 3/4"	A	HOLLOW METAL	PAINT	-	N/A	7/A-4.1	8/A-4.1	12/A-4.1	HOLLOW METAL	PAINT	ALUM.	2	PROVIDE DOOR CLOSER	102
103	103	3'-0"	X	7'-0"	1 3/4"	A	HOLLOW METAL	PAINT	-	N/A	7/A-4.1	8/A-4.1	12/A-4.1	HOLLOW METAL	PAINT	ALUM.	2	PROVIDE DOOR CLOSER	103
104A	104	8'-0"	X	4'-0"	-	B	ROLL UP GARAGE DOOR	-	-	-	7/A-4.1	8/A-4.1	12/A-4.1	-	-	ALUM.	5	PROVIDE DOOR LOCK	104
104B	104	8'-0"	X	4'-0"	-	B	ROLL UP GARAGE DOOR	-	-	-	7/A-4.1	8/A-4.1	12/A-4.1	-	-	ALUM.	5	PROVIDE DOOR LOCK	104
105	105	3'-0"	X	7'-0"	1 3/4"	A	HOLLOW METAL	PAINT	-	N/A	7/A-4.1	8/A-4.1	12/A-4.1	HOLLOW METAL	PAINT	ALUM.	3	PROVIDE DOOR CLOSER	105
106	106	3'-0"	X	7'-0"	1 3/4"	A	HOLLOW METAL	PAINT	-	N/A	7/A-4.1	8/A-4.1	12/A-4.1	HOLLOW METAL	PAINT	ALUM.	3	PROVIDE DOOR CLOSER	106
SECOND FLOOR																			
201	201	3'-0"	X	7'-0"	1 3/4"	A	HOLLOW METAL	PAINT	-	N/A	10/A-4.1	9/A-4.1	12/A-4.1	HOLLOW METAL	PAINT	ALUM.	1	PROVIDE DOOR CLOSER	201
202	202	3'-0"	X	7'-0"	1 3/4"	A	SOLID CORE WOOD	STAIN GRADE BIRCH/STAINED	-	N/A	10/A-4.1	9/A-4.1	12/A-4.1	H.M.	PAINT	ALUM.	4		202
203	203	3'-0"	X	7'-0"	1 3/4"	A	SOLID CORE WOOD	STAIN GRADE BIRCH/STAINED	-	N/A	10/A-4.1	9/A-4.1	12/A-4.1	H.M.	PAINT	ALUM.	5		203

**NOTE: PROVIDE DOOR SIGNAGE FOR ALL NON-PUBLIC DOORS

**NOTE: DOOR STAIN TO MATCH TYPICAL WOOD VENEER / LAMINATE THROUGHOUT

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 Project #: 150501
 Scale: NTS
 Issue Date: 12/11/2015
 Dwg Ref: A-4.1
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