

SECTION 087100

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. Lock cylinders and keys
 - 3. Lock and latch sets
 - 4. Bolts
 - 5. Push/Pull units
 - 6. Closers
 - 7. Overhead holders
 - 8. Miscellaneous door control devices
 - 9. Door trim units
 - 10. Protection plates
 - 11. Weatherstripping for exterior doors
 - 12. Astragals or meeting seals on pairs of doors
 - 13. Thresholds

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

Handicap People, 1992 edition.

1.4 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.
 - 2. 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.
 - 3. Keying Schedule: Submit separate detailed schedule indicating clearly how the Owner's final instructions on keying of locks has been fulfilled.
- D. 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.

1.5 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 to Owner, Architect, and Contractor, at reasonable times during the course of the Work, for consultation.
 - 1. Require supplier to meet with Owner to finalize keying requirements and to obtain final instructions in writing.
 - 2. Required supplier to meet with installer prior to beginning of installation of door hardware.
- C. 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 shall comply with standards UBC 702 (1997) 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

1.6 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.

1.7 WARRANTY

- A. Special warranties:
 - 1. Door Closers: Ten year period
 - 2. Mortise Locks - Three Years
 - 3. Exit Devices - Three Years

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 MANUFACTURED UNITS

(* Denotes manufacturer referenced in the Hardware Headings)

- A. Hinges:
 - 1. Acceptable manufacturers:
 - a. Bommer*
 - b. Ives
 - c. Hager
 - d. McKinney
 - e. Stanley
 - 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 inch, 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 leafs.
 - 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 Lock, - SFIC*
 - 2. Characteristics:
 - a. Create new master key system, keyed to the Owner's existing Schlage Key System.
 - b. Provide all locks with interchangeable core cylinders. Furnish brass construction cores for locks with removable cores.
 - c. Metals: Construct lock cylinder parts from brass or bronze, stainless steel, or nickel silver.
 - d. 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.
 - e. Key Material: Provide keys of nickel silver only.
 - f. Key Quantity: Furnish 3 change keys for each lock, 5 master keys 3 Control keys, 10 Construction Master Keys and 2 construction control keys.
 - 1) Furnish one extra blank for each lock.
 - 2) Deliver keys to Owner.
- C. Locksets, Latchsets, Deadbolts:
- 1. Acceptable manufacturers:
 - a. Corbin/Russwin CL3300 Series PZD Design
 - b. Sargent 10 Series LP Design
 - c. Schlage ND Series SPA Design
 - d. Falcon* T Series QG Design
 - 2. Extra Heavy Duty Cylindrical Locks and Latches: as scheduled, fastened with through-bolts.
 - a. Chassis: cylindrical design, corrosion-resistant plated cold-rolled steel.
 - b. Locking Spindle: stainless steel, interlocking design.
 - c. Latch Retractors: forged steel. Balance of inner parts: corrosion-resistant plated steel, or stainless steel.
 - d. Lever Trim: accessible design, independent operation, spring-cage supported, minimum 2" clearance from lever mid-point to door face.
 - e. Rosettes: minimum 3-7/16" diameter for coverage of ANSI/DHI A115.18, 1994 door preparation, through-bolt lugs on both spring cages to fully engage this pattern.
 - f. Springs: full compression type.

- g. Strikes: 16 gage curved steel, bronze or brass with 1" deep box construction, lips of sufficient length to clear trim and protect clothing.
- h. Lock Series and Design: Falcon T series, QG design.
- i. Certifications:
 - 1) ANSI A156.2, Series 4000, Grade 1. Tested to exceed 3,000,000 cycles.
 - 2) UL listed for A label single doors up to 4 ft x 8 ft.

D. Exit Devices:

- 1. Acceptable manufacturers:
 - a. Falcon* 25 Series
 - b. Von Duprin. 98 Series
 - c. Sargent 80 Series
 - d. Precision Apex Series
- 2. Characteristics:
 - a. Exit devices shall be "UL" listed for life safety. All exit devices for fire rated openings shall have "UL" labels for "Fire Exit Hardware."
 - b. All exit devices mounted on labeled wood doors shall be mounted on the door per the door manufacturer's requirements.
 - c. All trim shall be thru-bolted to the lock stile case. Lever design to match locksets.
 - d. All exit devices shall be made of brass, bronze, stainless steel, or aluminum material, powder coated, anodized, or plated to the standard architectural finishes to match the balance of the door hardware.
 - e. Provide glass bead conversion kits to shim exit devices on doors with raised glass heads.
 - f. All exit devices shall be one manufacturer. No deviation will be considered.
 - g. Lever trim shall be solid, investment stainless steel material with a break-away feature to limit damage to the unit from vandalism.
 - h. Surface vertical rod devices shall be UL labeled for fire door applications without the use of bottom rod assemblies. Where bottom rods are required for security applications, the devices shall be UL labeled for fire doors applications with rod and latch guards by the device manufacturer.

E. Closers and Door Control Devices:

- 1. Acceptable manufacturers:
 - a. Falcon* SC80 Series
 - b. LCN Closers 1261 Series
 - c. Sargent 1430 Series
 - d. Norton 8300 Series
- 2. Characteristics:
 - a. Door closers shall have fully hydraulic, full rack and pinion

- action.
 - b. All closers shall 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 shall be provided with temperature stabilizing fluid that complies with standards UBC 7-2 (1997) and UL 10C.
 - c. Spring power shall be continuously adjustable over the full range of closer sizes, and allow for reduced opening force for the physically handicapped. Hydraulic regulation shall be by tamper-proof, non-critical valves. Closers shall have separate adjustment for latch speed, general speed and back check.
 - d. All closers shall have solid forged steel main arms (and forearms for parallel arm closers) and where specified shall have a cast-in solid stop on the closer shoe (CNS). Where door travel on out-swing doors must be limited, use CNS type closers. Auxiliary stops are not required when cushion type closers are used.
 - e. All closers (overhead, surface and concealed) shall be of one manufacturer and carry manufacturer's ten year warranty .
 - 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 shall 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.
- F. Overhead Door Holders:
- 1. Acceptable manufacturers:
 - a. Glynn Johnson, Division of Ingersoll-Rand*
 - b. Rixson Firemark
 - 2. Characteristics:
 - a. Provide medium duty surface mounted door stops of stainless steel.
 - b. Surface holders to be installed with the jamb bracket mounted on the stop.
- G. Floor Stops and Wall Bumpers:
- 1. Acceptable manufacturers:
 - a. Ives*
 - b. Rockwood Manufacturing
 - c. Trimco*
 - 2. Characteristics: Refer to Hardware Headings.
- H. Door Bolts/Coordinators:
- 1. Acceptable manufacturers:

- a. Ives*
 - b. Rockwood Manufacturing
 - c. Trimco
 - 2. Characteristics:
 - a. Flush bolts to be forged brass 6-3/4" x 1", with 1/2" diameter bolts. Plunger to be supplied with milled surface one side that fits into a matching guide.
 - b. Furnish dust proof strikes for doors with flush bolts that do not have thresholds.
- I. Push Plates:
- 1. Acceptable manufacturers:
 - a. Ives
 - b. Rockwood Manufacturing*
 - c. Trimco
 - 2. Characteristics:
 - a. Exposed Fasteners: Provide manufacturers standard exposed fasteners.
 - b. Material to be stainless steel, per the Hardware Headings.
 - c. Provide plates sized as shown in Hardware Headings.
- J. Door Pulls & Pull Plates:
- 1. Acceptable manufacturers:
 - a. Ives
 - b. Rockwood Manufacturing*
 - c. Trimco
 - 2. Characteristics:
 - a. Provide concealed thru-bolted trim on back to back mounted pulls, but not for single units.
 - b. Material to be stainless steel.
 - c. Provide units sized as shown in Hardware Headings.
- K. Protective Plates:
- 1. Acceptable manufacturers:
 - a. Ives
 - b. Rockwood Manufacturing*
 - c. Trimco
 - 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).
 - b. Fabricate protection plates not more than 2 inches less than door width for single doors not more than 1 inch less than door width on pairs of doors.
 - c. Heights:
 - 1) Kick plates to be 8 inches in height.
- L. Thresholds:
- 1. Acceptable manufacturers:

- a. National Guard Products, Inc.*
 - b. Reese Industries
 - c. Pemko.
 - 2. Types: Indicated in Hardware Headings.

- M. Door Seals/Gasketing:
 - 1. Acceptable manufacturers:
 - a. National Guard Products, Inc.*
 - b. Reese Industries
 - c. Pemko
 - 2. Types: Indicated in Hardware Headings.

- N. Silencers:
 - 1. Acceptable manufacturers:
 - a. Ives*
 - b. Rockwood Manufacturing
 - c. Trimco
 - 2. Three for each single doors; two for pairs of doors.

- O. Key Cabinet and System:
 - 1. Acceptable manufacturers:
 - a. Telkee, Inc.
 - b. Lund

 - 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.

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. Do not use thru-bolts or sex bolts for installation where bolt head or nut on opposite face is exposed in other work unless their use is the only means of adequately fastening the hardware, or otherwise found in Headings. Coordinate with wood doors and metal doors and frames where thru-bolts are used as a means of reinforcing the work, provide sleeves for each thru-bolt or use sex screw fasteners.

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: 652 (US26D) Satin Chrome Plated Steel or 630 (US32D) Satin Stainless Steel as listed in schedule
 2. Flush Bolts: 626 (US26D) Satin Chrome Plated Brass/Bronze
 3. Locks: 626 (US26D) Satin Chrome Plates Brass/Bronze
 4. Exit Devices: 630 (US32D) Satin Stainless Steel
 5. Door Closers: 689 Powder Coat Aluminum
 6. Push Plates: 630 (US32D) Satin Stainless Steel
 7. Pull Plates: 630 (US32D) Satin Stainless Steel
 8. Protective Plates: 630 (US32D) Satin Stainless Steel

9. Door Stops: 626 (US26D) Satin Chrome Plated Brass/Bronze
10. Overhead Holders: 630 Satin Stainless Steel
11. 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.
- 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.

- 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.

- D. Prior to project completion, representatives of the lock, exit device and overhead closer manufacturers shall inspect and adjust all units and certify that all units are installed in accordance with the manufacturer's instructions, and are regulated properly and functioning correctly. A written report shall be provided to the Architect as to the inspection and shall include appropriate certificates.

3.3 HARDWARE SCHEDULE

Heading: 01

Marks:

101A, 102A, 117A, 117B, 117C, 121A, 121B

Each Opening to Have:

1	CYLINDER	MORTISE OR RIM AS REQUIRED	626
1	CYLINDER CORE	23-030	626
1	CONSTRUCTION CORE	23-030-ICX	626
BALANCE OF HARDWARE BY DOOR MFG.			

Heading: 02

Marks:

103A, 107A

Each Opening to Have:

3	HINGE	BB5000	652
1	ENTRY LOCK	T501JD X SCH X Q	626
1	CYLINDER CORE	23-030	626
1	CONSTRUCTION CORE	23-030-ICX	626
1	KICK PLATE	K1050 X 8 X 2" LDW	US32D
1	WALL STOP	WS407-CCV	US32D
1	SEAL	2525B '	B

Heading: 03

Marks:

104A, 119A

Each Opening to Have:

3	HINGE	BB5002	630
1	PRIVACY SET	T301S X Q	626
1	CLOSER	SC81 X RW/PA X SLIM	689
1	KICK PLATE	K1050 X 8 X 2" LDW	US32D
1	WALL STOP	WS407-CCV	US32D

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
 FIRE STATION #10
 2745 LAKESHORE VISTA BLVD
 SLIDELL, LA 70461

3 SILENCER SR64 GRY

Heading: 04

Marks:
 114A, 116A

Each Opening to Have:

3	HINGE	BB5002	630
1	PUSH PLATE	70C	US32D
11	PULL PLATE	110 X 70C	US32D
1	CLOSER	SC81 X RW/PA X SLIM	689
1	KICK PLATE	K1050 X 8 X 2" LDW	US32D
1	FLOOR STOP	1211	626
3	SILENCER	SR64	GRY

Heading: 05

Marks:
 113A

Each Opening to Have:

3	HINGE	BB5000	652
1	PASSAGE SET	T101S X Q	626
1	KICK PLATE	K1050 X 8 X 2" LDW	US32D
1	FLOOR STOP	1211	626
1	SEAL	2525B	B

Heading: 06

Marks:
 109A, 109B, 109C

Each Opening to Have:

6	HINGE,	B5000	652
2	FLUSH BOLT	FB458	US26D
1	DUST PROOF STRIKE	DP2	US26D
1	CLASSROOM LOCK	T561JD X SCH X Q	626
1	CYLINDER CORE	23-030	626
1	CONSTRUCTION CORE	23-030 - ICX	626
2	OVERHEAD STOP	450S	US32D
2	SILENCER	SR64	GRY

Heading: 06A

Marks:
 105A

Each Opening to Have:

6	HINGE,	B5000	652
2	FLUSH BOLT	FB458	US26D
1	DUST PROOF STRIKE	DP2	US26D
1	CLASSROOM LOCK	T561JD X SCH X Q	626
1	CYLINDER CORE	23-030	626

DOOR HARDWARE

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
FIRE STATION #10
2745 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

1	CONSTRUCTION CORE	23-030 - ICX	626
2	OVERHEAD STOP	450S	US32D
2	SILENCER	SR64	GRY
1	ASTRAGAL		

Heading: 07

Marks:
101B

Each Opening to Have:

3	HINGE	BB5002	630
1	RIM EXIT DEVICE	F-25-R-L X 510L X QUANTUM	32D
1	MORTISE CYLINDER	26-094	626
1	CYLINDER CORE	23-030	626
1	CONSTRUCTION CORE	23-030 - ICX	626
1	CLOSER	SC81 X DS X SLIM	689
1	KICK PLATE	K1050 X 8 X 2" LDW	US32D
1	SEAL	2525B	B
1	DOOR SWEEP	600A	A

Heading: 08

Marks:
118A

Each Opening to Have:

3	HINGE	BB5002-450	630
1	CLASSROOM LOCK	T561JD X SCH X Q	626
1	CYLINDER CORE	23-030	626
1	CONSTRUCTION CORE	23-030 ICX	626
1	FLOOR STOP	1211	626
3	SILENCER	SR64	GRY

Heading: 09

Marks:
120A, 124A

Each Opening to Have:

3	HINGE	BB5002-450	630
1	STOREROOM LOCK	T581JD X SCH X Q	626
1	CYLINDER CORE	23-030	626
1	CONSTRUCTION CORE	23-030-ICX	626
1	CLOSER	SC81 X DS X SLIM	689
3	SILENCER	SR64	GRY

Heading: 10

Marks:
122A

Each Opening to Have:

3	HINGE	BB5002	630
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DOOR HARDWARE

087100-14

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
 FIRE STATION #10
 2745 LAKESHORE VISTA BLVD
 SLIDELL, LA 70461

1	CLASSROOM LOCK	T561JD X SCH X Q	626
1	CYLINDER CORE	23-030	626
1	CONSTRUCTION CORE	23-030 ICX	626
1	CLOSER	SC81 X DS X SLIM	689
3	SILENCER	SR64	GRY

Heading: 11

Marks:
123A

Each Opening to Have:

3	HINGE	BB5002	630
1	RIM EXIT DEVICE	25-R-L X 510L X QUANTUM	32D
1	MORTISE CYLINDER	26-094	626
1	CYLINDER CORE	23-030	626
1	CONSTRUCTION CORE	23-030 ICX	626
1	CLOSER	SC81 X DS X SLIM	689
3	SILENCER	SR64	GRY

Heading: 12

Marks:
117D

Each Opening to Have:

3	HINGE	BB5002 NRP	630
1	RIM EXIT DEVICE	25-R-L X 510L X QUANTUM	32D
1	MORTISE CYLINDER	26-094	626
1	CYLINDER CORE	23-030	626
1	CONSTRUCTION CORE	23-030 ICX	626
1	CLOSER	SC81 X DS X SLIM	689
1	SEAL	2525B	B
1	THRESHOLD	896V	MILL
1	DOOR DRIP CAP	17	MILL
1	OVERHEAD DRIP CAP	16A	A

END OF SECTION