ADDENDUM 2

PROJECT NAME: SOUTHTON SERVICE CENTER

DATE: July 3, 2024

This Addendum 1 shall be included in and considered part of the solicitation documents for the Southton Remodel & Renovation – Commodity Codee 910 65. These documents shall be attached to and become part of the Contract Documents for this project. Contractor shall be required to acknowledge this Addendum to submit a bid.

PURCHASE ORDER 11615502

A. PROJECT MANUAL:

SECTION 08 7100 Hardware

1.1 Add Section 08 7100 Hardware to the Project Manual.

END OF ADDENDUM #2

SECTION 08 71 00

DOOR HARDWARE

PART 1 - GENERAL

1.1 SUMMARY:

A. Section Includes: Finish Hardware for door openings, except as otherwise specified herein.

1. Door hardware for steel (hollow metal) doors.
2. Door hardware for aluminum doors.
3. Door hardware for wood doors.
4. Door hardware for other doors indicated.
5. Keyed cylinders as indicated.

B. Related Sections:

1. Division 6: Rough Carpentry.
2. Division 8: Aluminum Doors and Frames
3. Division 8: Hollow Metal Doors and Frames.
4. Division 8: Wood Doors.
5. Division 26 Electrical
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.

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.

Item:	Manufacturer:	Approved:
Hinges	Stanley	Bommer, McKinney
Continuous Hinges	Stanley	Select, ABH
Locksets	Best 9K	Sargent 11 Line, Schlage ND Line
Cylinders	Best CoreMax 7 Pin SFIC – No Substitution	
Exit Devices	Precision 2000	Von Duprin XP98, Sargent GL-19-43
Closers	Dorma 8900 / TS93	Sargent 251 / 421
Push/Pull Plates	Trimco	Burns, Hiawatha
Push/Pull Bars	Trimco	Burns, Hiawatha
Protection Plates	Trimco	Burns, Hiawatha
Overhead Stops	Dorma	ABH, Trimco
Door Stops	Trimco	Burns, DCI
Flush Bolts	Trimco	ABH, DCI
Threshold & Gasketing	National Guard	Reese, K.N. Crowder

2.2 MATERIALS:

A. Hinges:

1. Template screw hole locations
2. Minimum of 2 permanently lubricated non-detachable bearings
3. Equip with easily seated, non-rising pins
4. Sufficient size to allow 180-degree swing of door
5. Furnish hinges with five knuckles and concealed bearings
6. Provide hinge type as listed in schedule.
7. Furnish 3 hinges per leaf to 7 foot 6 inch height. Add one for each additional 30 inches in height or fraction thereof.
8. Tested and approved by BHMA for all applicable ANSI Standards for type, size, function and finish
9. UL10C listed for Fire rated doors.

B. Geared Continuous Hinges:

1. Tested and approved by BHMA for ANSI A156.26-1996 Grade 1
2. Anti-spinning through fastener

3. UL10C listed for 3 hour Fire rating
4. Non-handed
5. Lifetime warranty
6. Provide Fire Pins for 3-hour fire ratings
7. Sufficient size to permit door to swing 180 degrees

C. Cylindrical Type Locks and Latchsets:

1. Provide locksets tested and approved by BHMA/ANSI A156.2, Series 4000, Operational Grade 1, Extra-Heavy Duty.
2. Provide locksets listed by Underwriters Laboratories for use on fire rated single or double swinging doors.
3. Provide locksets that meet the design and operation of the cylindrical lock to meet the accessible requirements of ANSI A117.1 and ADA–Americans with Disabilities Act.
4. Provide locksets made in a manufacturing facility to compliant with ISO 9001-Quality Management and ISO 14001-Environmental Management.
5. Provide locksets that meet or exceed 50 Million cycle test verified by third party testing agency.
6. Provide locksets with the following mechanical features
    a. Locksets outside locked lever must withstand minimum 1400 inch-pounds of torque. In excess of that, a replaceable part will shear. Key from outside and/or inside lever will still operate lockset.
    b. Locksets shall fit modified ANSI A115.2 door preparation.
    c. 2-3/4 inch (70 mm) backset, standard.
    d. Door thickness – Available for 1 3/8” to 2 1/4” doors.
    e. 9/16 inch (14 mm) throw latchbolt.
    f. Latch to have single piece tail-piece construction.
    g. Chassis – Critical latch and chassis components to be brass or corrosion-treated steel.
    h. Lock shall allow the lever handle to move 45 degrees from parallel to the horizontal plane without engaging the latchbolt assembly.
    i. Hub, side plate, shrouded rose, locking pin to be a one-piece casting with a shrouded locking lug.
    j. Locksets to have anti-rotational studs that are thru-bolted.
    k. Provide sufficient curved strike lip to protect door trim at single doors. At pairs of doors, provide 7/8” Lip to Center Strike.
    l. Each lever to have independent spring mechanism.
    m. Lever springs to be contained in the main lock hub.
    n. Outside lever sleeve to be seamless, of one-piece construction made of a hardened steel alloy.
    o. Keyed lever to be removable only after core is removed, by authorized control key.
7. Locksets to have the capability of supporting manufacturers’ conventional core as well as large and small interchangeable cores.
8. Provide core face with the same finish as the lockset.
9. Provide functions and design as indicated in the hardware groups.

D. Exit Devices with Weatherized True Architectural Finish 626W:

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 to meet or exceed the following :
    A. Mechanical operational testing to 10 million cycles minimum with inspection confirming Grade 1 Loaded Forces have been maintained.
    B. BHMA 156.3 – A156.18 Salt Spray Certified 600 Hours 3 X Standard.
    C. MIL-STD-810G 509.6 Salt Fog Certified.
    D. MIL-STD-810G 510.6 Sand & Dust Certified.
    E. MIL-STD-810G 521.4 Icing/Freezing Rain Certified.
3. Exit devices chassis to be investment cast steel, zinc dichromate.
4. Exit devices to have stainless steel deadlocking ¾” 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. All Exterior components of the exit device including the Active case cover, Touch bar, device channel, slide channel fillers, Vertical rods, latch covers and device end cap, shall be constructed of a brass base metal then plated in a double dip two step process of satin nickel and chrome.
9. Exit device shall be available with options of WTS Weatherized touch bar switch and WALW Weatherized Exit alarm (hardwired)
10. Additional non-weatherized electrified options are compatible with the 626W. Non-weatherized options are not recommended for harsh environments.
11. Touchpad to be "T" style constructed.
12. Touchbar assembly on wide style exit devices to have a ¼" clearance to allow for vision frames.
13. All exposed exit device components to be of architectural metals and "true" architectural finishes.
14. Provide strikes as required by application.
15. Fire exit hardware to conform to UL10C and UBC 7-2. UL tested for Accident Hazard.
16. The strike is to be black powder coated finish.
17. Exit devices to have field reversible handing.
18. 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.
19. Provide 9001-Quality Management and 14001-Environmental Management.
20. Vertical Latch Assemblies to have gravity operation, no springs.

E. Cylinders:

1. Provide the necessary cylinder housings, collars, rings & springs as recommended by the manufacturer for proper installation.
2. Provide the proper cylinder cams or tail piece as required to operate all locksets and other keyed hardware items listed in the hardware sets.
3. Coordinate and provide as required for related sections.

F. 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.

G. Surface Closers: Provide cam and roller closers with adjustable spring power. Opening force shall comply with ADA and ANSI A117.1 where indicated with "Barrier Free" closers in the hardware sets. Closers must have separate adjustments for latch speed, sweep speed and backcheck. Closers to have track arms and square cornered metal covers. Provide built-in stops and hold opens where indicated in hardware sets Provide brackets, drop plates, spacer blocks and accessories to ensure proper installation. Closers, covers, brackets and other components shall not extend below bottom of top horizontal rail of door. Use manufacturer's chart for recommended sizes when adjusting closers. Provide one of the following heavy-duty closers:

H. Door Stops: Provide a floor or wall stop for every opening as listed in the hardware sets.

1. Wall stop and floor stop shall be cast bronze, brass or stainless steel.
2. Provide fastener suitable for wall construction.
3. Coordinate reinforcement of walls where wall stop is specified.

4. Provide a floor or overhead stop where wall stops are not practical. Provide spacers or carpet riser for floor conditions encountered

I. 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.

J. 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.

K. 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.

L. Push Pull Bars: Provide ANSI J504, .1" Dia. Pull and push bar model and series as listed in hardware set. Provide proper fasteners for door construction.

M. 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.

N. Mop plates: Provide with four beveled edges ANSI J103, 6 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.

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

1. Provide a set of Automatic bolts, Certified ANSI/BHMA 156.3 Type 25 for hollow metal label doors.
2. Provide a set of Automatic bolts, Certified ANSI/BHMA 156.3 Type 27 at wood label doors.
3. Manual flush bolts, Certified ANSI/BHMA 156.16 at openings where allowed local authority.
4. Provide Dust Proof Strike, Certified ANSI/BHMA 156.16 at doors with flush bolts without thresholds.

P. 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.

Q. 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.

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

1. Door seal shall be resilient seal of nylon brush.
2. UL10C Positive Pressure rated seal set when required.

S. Thresholds: Thresholds shall be heavy duty cast aluminum beveled type with maximum height of ½" for conformance with ADA requirements. Furnish as specified and per details. Provide fasteners and screws suitable for floor conditions.

T. Provide one wall mounted Telkee, Lund or MMF series key cabinet complete with hooks, index and tags to accommodate 50% expansion. Coordinate mounting location with architect.

U. 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

Code	Name
BE	Best Access Systems
BY	By Others
DM	Dorma Door Controls
NA	National Guard
PR	Precision
ST	Stanley
TR	Trimco

Option List

Code	Description
4	1-3/4" Door Thickness
N	Thru-Bolt w/ Flow-Thru
CD	CYLINDER DOGGING
CS	Cushion Stop
HC	Hurricane Code Device
RP	RINGS-RIM CYLINDER
36"	36" Door Width
CSK	COUNTER SINKING OF KICK and MOP PLATES
MCS	Mullion Cap Spacer (other Finishes)
RP3	RINGS-7 PIN MORTISE
S3B	ANSI Strike Package w/Plastic Box
BP89	Backplate for TJ w/ Frame < 2 7/8" Wide
FCSL	Full Plastic Slotted Cover
CA-03	Cylinder Attachment Kit (Rim/SVR Device)
1-3/4"	1-3/4" Thick Doors
S3B-7/8	ANSI Strike -7/8" Flat Lip w/Plastic Box
B4E-HEAVY-KP	BEVELED 4 EDGES - KICK PLATES
1/4-20-2" COMBO	1/4-20 X COMBO MS/ANCHOR (SS)
CORMAX PATENTED KEYING	Cormax Patented Keying

Finish List

Code	Description
AL	Aluminum
626	Satin Chromium Plated
630	Satin Stainless Steel
689	Aluminum Painted
626W	Weatherized Satin Chrome
GREY	Grey
710CU	CuVerro Steralloy
US26D	Chromium Plated, Dull

Hardware Sets

SET #1

Doors: D109

3	Hinges	CB168 4 1/2 X 4 1/2	US26D	ST
1	Pull Plate	1035-3	710CU	TR
1	Push Plate	1001-11	710CU	TR
1	Closer	TS9315 T	689	DM
1	Mop Plate	KM050 6" x 35" B4E-HEAVY-KP CSK	630	TR
1	Kick Plate	K0050 10" x 34" B4E-HEAVY-KP CSK	630	TR
1	Wall Bumper	1270CV	626	TR
3	Silencer	1229A	GREY	TR

SET #2

Doors: D108

3	Hinges	CB168 4 1/2 X 4 1/2	US26D	ST

1	Pull Plate	1035-3	710CU	TR
1	Push Plate	1001-11	710CU	TR
1	Closer	TS9315 PT CS	689	DM
1	Mop Plate	KM050 6" x 35" B4E-HEAVY-KP CSK	630	TR
1	Kick Plate	K0050 10" x 34" B4E-HEAVY-KP CSK	630	TR
3	Silencer	1229A	GREY	TR

SET #3

Doors: D104

3	Hinges	CB179 4 1/2 X 4 1/2	US26D	ST
1	Passage Set	9K3-0N14D S3B	626	BE
1	Mop Plate	KM050 6" x 35" B4E-HEAVY-KP CSK	630	TR
1	Kick Plate	K0050 10" x 34" B4E-HEAVY-KP CSK	630	TR
1	Wall Bumper	1270CV	626	TR
1	Smoke / Sound Seal	5075 CL @ Head & Jambs		NA

SET #4

Doors: D103, D105, D106, D111

3	Hinges	CB179 4 1/2 X 4 1/2	US26D	ST
1	Lockset	9K3-7AB14D PATD CORMAX PATENTED KEYING S3B	626	BE
1	Kick Plate	K0050 10" x 34" B4E-HEAVY-KP CSK	630	TR
1	Mop Plate	KM050 6" x 35" B4E-HEAVY-KP CSK	630	TR
1	Wall Bumper	1270CV	626	TR
1	Coat Hook	3071	630	TR
3	Silencer	1229A	GREY	TR

SET #5

Doors: D107

3	Hinges	CB179 4 1/2 X 4 1/2 NRP	US26D	ST
1	Lockset	9K3-7R14D PATD CORMAX PATENTED KEYING S3B	626	BE
1	Overhead Stop	902 S Series	626	DM
1	Mop Plate	KM050 6" x 30" B4E-HEAVY-KP CSK	630	TR
3	Silencer	1229A	GREY	TR

SET #6

Doors: D112

6	Hinges	CB179 4 1/2 X 4 1/2 NRP	US26D	ST
1	Lockset	9K3-7D14D PATD CORMAX PATENTED KEYING S3B	626	BE
2	Overhead Stop	902 S Series	626	DM
2	Mop Plate	KM050 6" x 30" B4E-HEAVY-KP CSK	630	TR
2	Silencer	1229A	GREY	TR

SET #7

Doors: D102, D110

6	Hinges	CB179 4 1/2 X 4 1/2	US26D	ST

1	Semi-Auto Flushbolt	3825L	630	TR
1	Lockset	9K3-7D14D PATD CORMAX PATENTED KEYING		626 BE
		S3B-7/8		
2	Overhead Holder	900 H Series	626	DM
2	Kick Plate	K0050 10" x 35" B4E-HEAVY-KP CSK	630	TR
1	Astragal	By Door Supplier - Push Side Inctive Leaf		BY
2	Silencer	1229A	GREY	TR

SET #8

Doors: D101

2	Continuous Hinge	662HD UL 83"	AL	ST
1	Removable Mullion	HCKR822 MCS	689	PR
1	Exit Device	HC 2103 1-3/4" 36" CA-03 CD	626W	PR
1	Exit Device	HC 2102 1-3/4" 36" CD	626W	PR
1	Rim Cylinder	12E-72 PATD CORMAX PATENTED KEYING RP	626	BE
1	Mortise Cylinder	1E-74 PATD CORMAX PATENTED KEYING RP	3626	BE
2	Door Pull	AP334 24" 4 N	710CU	TR
2	Closer	8916 S-ISJH BP89 FCSL	689	DM
2	Wall Bumper	1270CV	626	TR
1	Head Seal	700 SA FATT 72"		NA
1	Set - Jamb Seals	137 SA SET 84"		NA
1	Gasketing	C627 A FATT 36"		NA
1	Mullion Seal	5100 S		NA
2	Silencer	1229A	GREY	TR
1	Saddle Threshold	425 HD 72" 1/4-20-2" COMBO	AL	NA

Opening List

Opening	Hdw Set	Opening Label
D101	8	
D102	7	
D103	4	
D104	3	
D105	4	
D106	4	
D107	5	
D108	2	
D109	1	
D110	7	
D111	4	
D112	6	