

## ADDENDUM NO. 1

March 9, 2020

**New Construction:**  
**435 Mill Street**  
**Springville, New York 14141**

**Long Associates, Architects**  
**189 Kenmore Avenue**  
**Buffalo, New York 14223**

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This addendum is issued to amend the requirements of the Contract Documents and is hereby made part of said Contract Documents to the same extent as though it was originally included therein.

**Item # 1:**

Sheet E-101:

- Provide one prewired CATV outlet per bedroom – 6 total (locations TBD by owner)
- Provide one CATV outlet at Activity 114 (locations TBD by owner)
- Provide two CATV outlets at Living Room 113 (locations TBD by owner)
- Provide one CATV outlet at Study 124 (locations TBD by owner)
- Provide one prewired CAT 5e phone outlet at Study, Activity and Living Room – 3 total (locations TBD by owner).
- Terminate all wiring at location in basement to be coordinated with Spectrum / Verizon as applicable.

**Item # 2:**

Sheet A-601: Door Type 'G' is marked 6'-11" high .This door should be 8'-0" to match the other exterior doors on this sheet.

**Item # 3:**

Specification Section 08700 – Hardware, is to be replaced with the attached 12 page section.

**Item # 4:**

-Owner will provide compaction, and observation of foundation digging by a geotechnical engineer / technician.

-Geotechnical report is to follow via separate addendum once complete. Initial soil considerations (verbal) from the geotechnical engineer and direction for foundations, subbase, etc. (to be priced and included in base bid), is as follows:

-There are very loose to loose gravel soil deposits to a depth of 8 feet below existing site grades.

-Based on the topo plan, and the proposed finish floor elevation, it appears about 3 to 4 feet of fill will be placed to raise site grades. Therefore, the footings will be bearing within the very loose to loose soils. The loose soils will need to be undercut 12 inches and replaced with 2" crushed stone (NYSDOT Item 304.12-Type 2 Subbase) or crushed gravel (NYSDOT Item 304.14 – Type 4 Subbase).

-Wood is present within the soils in the upper 6 feet. Additional undercutting should be anticipated to remove any wood/organics present at the design undercut elevation.

-The soils are described as moist-wet. Construction dewatering, with use of cutoff trenches, and sump and pump methods of dewatering, in correlation with the crushed stone/gravel layer should be anticipated and priced in the base bid.

-Foundation is to be constructed on a minimum 12-inches of Structural fill (crushed gravel/stone as per above.

-Construction of spread foundations on a minimum 12-inches of Structural fill properly placed and compacted over undisturbed and properly prepared indigenous soil bearing grades should undergo total settlement of about 1-inch or less. The exposed native soils should be compacted to a visually dense and stable matrix prior to placement of the Structural fill with a large plate tamper.

## SECTION 087000 - FINISH HARDWARE

## PART 1 - GENERAL

## 1.1 DESCRIPTION OF WORK

- A. Definition of finish hardware includes items known commercially as finish hardware which are required for swing, sliding and folding doors, except special types of unique and non-matching hardware specified in the same section as the door and door frame.
- B. Extent of finish hardware required is indicated on drawings and schedules.
- C. Types of finish hardware required include the following:

- Butt hinges
- Spring Hinges
- Lock cylinders
- Locksets and latch sets
- Master keying of locks & cylinders
- Exit devices
- Door bolts
- Push/pulls
- Protection plates
- Closers
- Door stops
- Door Viewers
- Weather-stripping for exterior doors
- Thresholds

## 1.2 RELATED WORK SPECIFIED IN OTHER SECTIONS:

- A. Hollow Metal Doors and Frames - Section 081113
- B. Composite Panel Doors - Section 081600

1.3 QUALITY ASSURANCE

- A. Manufacturer: Obtain each type of hardware (lock and latchsets, butts, closers, exit devices, etc.) from a single manufacturer, although more than one may be indicated as offering products complying with specifications' requirements.
- B. Qualifications of supplier: An established and recognized finished hardware supplier, with warehousing facilities, who has been furnishing hardware in the project's vicinity for a period of not less than 5 years. Supplier shall have in his employ an experienced full time Architectural Hardware Consultant (AHC) in good standing with the Door and Hardware Institute. AHC shall be available for consultation, at reasonable times during the work, to Architect, Owner and Contractor.
- C. Fire-Rated Openings: Provide hardware for fire-rated openings in compliance with NFPA Standard No. 80 and local building code requirements. Provide only hardware that has been tested and listed by UL for sizes and types of doors required. All UL labeled doors shall have door closer whether or not required by Hardware Set Group.

- D. Where emergency exit devices are required on fire rated doors provide UL label on exit devices indicating "Fire Exit Hardware".

#### 1.4 SUBMITTALS:

- A. Product Data: Submit manufacturer's technical data for each item of hardware in accordance with Division-1 section Submittals". Include all necessary information to show compliance with requirements. Submit catalog cuts with first submission of hardware schedule.
- B. Samples: Submit samples as requested by architect. Samples may be incorporated into job if in good condition after submittal process.
- C. Hardware Schedule: Submit horizontal style hardware schedule showing following:
  - 1. Architect's door numbers.
  - 2. Location of doors.
  - 3. Frame material.
  - 4. Door material.
  - 5. Door opening size.
  - 6. Door thickness.
  - 7. Door hand and swing.
  - 8. Hardware set number.
  - 9. Type, style, function, size, finish of each hardware item.
  - 10. Description, name and manufacturer of each hardware item.
  - 11. Keying information.
- D. Submittal sequence: Submit 6 copies of hardware within 10 working days of notice to proceed by general contractor. Include all of above information, in addition to catalog cuts.
- E. Keying schedule: After approval of hardware schedule submit keying schedule on approved hardware schedule. Spend whatever time is necessary with Architect and/or Owner to finalize keying. Provide FOB, 2 for each apartment plus 10 extra, all programmable.
- F. Templates: Furnish paper templates to fabricators of hollow metal, wood doors, aluminum doors and others who have need of them.

## PART 2 - PRODUCTS

### 2.1 SCHEDULED HARDWARE:

- A. Requirements for grade, design, function, finish, size etc., is indicated in the Materials and Fabrication section and hardware sets.

## B. Manufacturer's product designations:

Butts:	Hager, McKinney, Stanley, PBB
Locksets:	Schlage, Sargent, Yale, Arrow, PDQ, Dorma
Exit Devices	Rim, Von Duprin, Yale, Arrow, Dorma
Closers:	Sargent, Norton, LCN, Arrow, Dorma
Push/Pulls	Burns, Rockwood, Hager
Protection plates:	Burns, Rockwood, Hager
Door bolts:	Ives, Baldwin, Rockwood
Door stops:	Hager, Ives, Baldwin, Rockwood
Weatherstripping	Pemko, National Guard, Reese, Hager
Thresholds:	Pemko, National Guard, Reese, Hager

## 2.2 MATERIALS AND FABRICATION

## A. General:

1. Hand of door: Drawings show direction of slide, swing or hand of each door leaf. Furnish each item of hardware for proper installation and operation of door movement as shown.
2. Manufacturers name plate: Do not use manufacturer's products that have manufacturer's name or trade name displayed in visible location, except in conjunction with required UL labels and as otherwise acceptable to architect. Manufacturer's identification is permitted on face rim or mortise lock cylinders, on latchbolt of cylindrical type locksets, or on scalp plate of mortise locks only.
3. Finish: Approved lockset finish shall be the basis of approval of the finishes for all finished metal hardware items, except as otherwise indicated or approved. Finish of all hardware shall match US15
4. Lockset design:  
Residential cylindrical: Sargent LL, Schlage Lev., PDQ SR  
Medium duty cylindrical: Sargent OSL, Schlage Lev., Arrow SR  
Apt. Entry: Double lock Arrow PA K01, Schlage Lev. H101  
Dummy Levers: AL 17D SAT
5. Fasteners: Provide hardware manufactured to manufacturer's published templates, generally prepared for machine screw installation. Do not provide hardware prepared for self tapping sheet metal screws, except as specifically indicated. Furnish screws for installation for each item of hardware. Provide Phillips head flat head screws unless otherwise indicated. Finish of plated exposed screws to exactly match hardware finish. Provide concealed fasteners for hardware units which are exposed when door is closed, except to the extent no standard units of type specified are available with concealed fasteners. Do not use thru-bolts for installation where bolt head or nut on opposite face is exposed in other work, except where it is not feasible to reinforce work. In such cases, provide sleeves for each thru-bolt or use sex screw fasteners.

6. Tools and maintenance instructions: Furnish a complete set of specialized tools and maintenance instructions as needed for the Owner's continued adjustment, maintenance, removal and replacement of finish hardware.

### 2.3 HINGES, BUTTS AND PIVOTS:

- A. Templates: Except for hinges and pivots to be installed entirely into wood doors and frames, provide only templated units.
- B. Screws: Furnish Phillips flat head with undercut heads machine or wood. Finish to match surface of hinges, butts, or pivots.
- C. Hinge pins: Except as otherwise indicated, provide hinge pins as follows:
  1. Steel hinges: steel pins.
  2. Non-ferrous hinges: stainless steel pins.
  3. Exterior doors: non removable pins.
  4. Reverse bevel doors with locks: non removable pins.
  5. Interior doors: non rising pins.
- D. Tips: Flat button and matching plug, finished to match hinges.
- E. Number of hinges: Provide number of hinges as follows:  
2ea Hinges for doors 60" in height or less.  
3ea Hinges for doors 61" to 90".  
4ea Hinges for doors 91" to 120".  
Provide one additional hinge for each additional 30" of door height or fraction thereof.
- F. Size of hinges:  
1 3/8" thick door: 3 1/2" x 3 1/2"  
1 3/4" thick door 36" wide or less: 4 1/2" x 4 1/2"  
1 3/4" thick door over 36" wide: 5" x 4 1/2"
- G. Thickness of hinges:  
3 1/2" high, standard weight: .123" thick  
4 1/2" high, standard weight .134" thick  
4 1/2" high, heavy weight .180" thick  
5" high, standard weight .146" thick  
5" high, heavy weight: .190" thick

### 2.4 CONTINUOUS HINGES:

- A. Continuous hinges by door manufacture.

## 2.5 LOCK CYLINDERS AND KEYING:

- A. General: Supplier will meet with Owner to finalize keying requirements and obtain final instructions in writing.
- B. Review the keying system with owner and provide the type required(master, grand master or great grand master), either new or integrated with owner's existing system.
- C. Equip locks with manufacturer's standard 5 pin tumbler cylinders.
- D. Comply with owner's instructions for master keying and provide individual change key for each lock that is not designated to be keyed alike with a group of related locks.
- E. Key material: Provide keys of nickel silver only.
- F. Key quantity: Provide cut keys as follows;
  - 3 keys per lock
  - 6 keys per keyed alike set
  - 6 ea master, grand master or GGMK set.
- G. Deliver master or higher level of keys directly to owner's representative.
- H. Provide master key for use at all locks on the project

## 2.6 LOCKSETS, LATCHSETS and DUMMY LEVERS:

- A. Refer to hardware sets for types and function of locks and latches specified.
- B. Acceptable locks and latches:
  - Double Locks:
    - Schlage
    - Arrow
    - PDQ
  - Medium Duty Cylindrical:
    - Sargent 8 Line
    - Schlage A series
    - Arrow
  - Residential Duty Cylindrical:
    - Sargent 6 Line
    - Schlage F Series
    - PDQ
- C. Provide manufacturer's standard wrought box strikes for each latch or lock bolt with extended curved lip of sufficient length to protect frame. Finish to match lock or latch set.

- D. Provide minimum latch throws as follows:
  - Single doors: 1/2"
  - Pairs of doors: 5/8"
  - Pairs of fire doors: 3/4"
  - Deadbolts: 1"
  - All latch bolts for fire doors to have UL listed latchbolts.

## 2.7 EXIT DEVICES

- A. Exit devices shall be RIM 1100 Series. Design and function as listed in the hardware sets.
- B. All exit devices must be UL listed for emergency exit. Exit devices for use on fire doors shall be additionally listed for use on fire doors. All exit devices shall be tested in accordance to ANSI A156.3 Grade 1.
- C. Provide tactile warning on push bar of exit devices leading to stair wells.

## 2.8 DOOR CLOSERS:

- A. All closers for both interior and exterior doors shall be the product of one manufacturer and shall be matched in design.
- B. All closers shall be adjustable to provide sizes 2 through 6. Closing speed, latching speed and backcheck shall be controlled by separate key valves. Delayed action feature, when specified, shall be controlled by a separate valve.
- C. All closers shall be suitable for standard, corner bracket, top jamb applications. Provide suitable arms, brackets, drop plates, etc., to provide least conspicuous application.
- D. All closers shall have high impact resistant covers, spray painted to match closer arm and body.
- E. All closers shall be Norton Series 8301. Sprayed to match aluminum.
- F. Where manual door closers are specified for doors required to be accessible to the physically handicapped, provide adjustable units complying with ANSI A117.1 provisions for door opening force and delayed action closing.

## 2.9 DOOR STOPS AND HOLDERS:

- A. Wherever door or hardware shall strike wall, column or fixed equipment furnish a door stop or bumper, either wall, floor or overhead type. Wall bumper 232W, where wall bumpers are impractical, furnish dome stops 241F, all by Hager.

## 2.10 KICK AND ARMOR PLATES:

- A. Kick plates shall be 8" high, by 2" less than nominal door width unless otherwise specified. 18 ga. stainless steel.



**2.11 FLUSH BOLTS:**

- A. Manual and automatic flush bolts shall be UL listed and fit door and frame preparation in accordance with ANSI A115.4. Face plate to match door edge conditions.
- B. Manual flush bolts shall be similar to Ives 358. Length of manual bolt head and rod assemblies shall be: Bottom bolt: 12" from bottom of door to center of face plate. Top bolt as required to locate center of face plate 6'-0" from floor.  
Manufactures: (as listed above or one of the following)
  - 1. Manual Flush Bolt Auto Flush Bolt Dust Proof Strike
  - 2. Hager Companies 282D 292D/295W/296W 280X
  - 3. Rockwood 555 1942 570
  - 4. Trimco 3917 3815 3911

**2.12 SILENCERS:**

- A. At interior hollow metal door frames furnish 3 rubber door silencers for each single door frame and 2 for each double door frame. Silencers shall be similar to Glynn -Johnson GJ64.

**2.13 DOOR GASKETING AND WEATHERSTRIP**

- A. Provide continuous weatherstrip gasketing on exterior doors and provide smoke, light, or sound gasketing at apartment entry doors. Provide non-corrosive fasteners for exterior applications.
  - 1. Perimeter gasketing: Apply to head and jamb, forming seal between door and frame.
  - 2. Meeting stile gasketing: Fasten to meeting stiles, forming seal when doors are in closed position.
  - 3. Door bottoms: Apply to bottom of door, forming seal with threshold or floor when door is in closed position.
  - 4. Sound Gasketing: Cutting or notching for stop mounted hardware not permitted.
  - 5. Drip Guard: Apply to exterior face of frame header. Lip length to extend 4" beyond width of door.
- B. Standards: Manufacturer shall meet requirements for:
  - 1. Door Gasketing and Edge Seal Systems: ANSI/BHMA A156.22
  - 2. Shall be BHMA certified for door sweeps, automatic door bottoms, and adhesive applied gasketing. (738)
- C. Smoke-Labeled Gasketing: Comply with NFPA 105 listed, labeled, and acceptable to authorities having jurisdiction, for smoke control indicated.
  - 1. Provide smoke labeled gasketing on 20 minute rated doors and on smoke rated doors.
- D. Fire-Rated Gasketing: Comply with NFPA 80 listed, labeled, and acceptable to Authorities Having Jurisdiction, for fire ratings indicated.
- E. Refer to Section Wood Doors for Category A or Category B. Comply with UBC 7-2 and UL10C positive pressure where frame applied intumescent seals are required. Provide Hager # 720 for single and 720 x 724 for a pair of doors.

## F. Manufactures:

1. Perimeter Gasketing:
  - a. Adhesive Applied Stop Applied
  - b. Hager Companies: 721S/720 x 724 881S
  - c. K. N. Crowder
  - d. Reese
  - e. Door Hardware System: 105 (Apartments)
2. Meeting Stile Weatherstrip:
  - a. Hager Companies: 872SN
  - b. K. N. Crowder
  - c. Reese:
3. Door Bottom Sweeps:
  - a. Hager Companies: 750S
  - b. K. N. Crowder
  - c. Reese:
  - d. Door Hardware System: CS36 x AMU (Apartments)
4. Overhead Drip Guard
  - a. Hager Companies: 810S
  - b. K. N. Crowder
  - c. Reese:

## PART 3 EXECUTION

## 3.1 INSTALLATION

- A. Mount finish hardware in accordance with Door and Institute recommendations, applicable code requirements, and reviewed shop drawings.
- B. Install each hardware item in compliance with manufacturer's instructions and recommendations. Do not install surface mounted items until finishes have been completed.
- C. Set units level, plumb and true to line and location. Adjust all hardware to operate perfectly.
- D. Set thresholds for exterior doors in a full bed of sealant.

## 3.2 INSPECTION

- A. After installation has been completed hardware supplier shall have qualified hardware consultant check the job to determine the proper application of hardware according to the approved hardware and keying schedule. Check operation and adjustment of all hardware items.

## 3.3 ADJUST AND CLEAN:

- A. At final completion, all hardware shall be left clean and free from disfigurement. Subcontractor shall adjust all door closers and other items of hardware. Where hardware is found to be defective repair, replace or otherwise correct as directed.

- B. Clean adjacent surfaces soiled by hardware installation.
- C. Final adjustment: Wherever hardware installation is made more than one month prior to acceptance or occupancy to a space or area, return to the work during the week prior to acceptance or occupancy and make final check and adjustment of all hardware. Clean operating items to restore proper function and finish. Adjust door control devices to compensate for final operation of heating and ventilating equipment.
- D. Instruct owner's personnel in proper adjustment and maintenance of hardware and hardware finishes. Turn over maintenance manual and special tools at this time.

3.4 PROTECTION:

- A. The general contractor is responsible for the proper protection of all items of hardware until the owner accepts the project as complete.

3.5 HARDWARE SCHEDULE (door numbers are room numbers unless otherwise noted)

- A. At final completion, all hardware shall be left clean and free from disfigurement. Subcontractor shall adjust all door closers and other items of hardware. Where hardware is found to be defective repair, replace or otherwise correct as directed.
- B. Clean adjacent surfaces soiled by hardware installation.
- C. Final adjustment: Wherever hardware installation is made more than one month prior to acceptance or occupancy to a space or area, return to the work during the week prior to acceptance or occupancy, and make final check and adjustment of all hardware. Clean operating items to restore proper function and finish. Adjust door control devices to compensate for final operation of heating and ventilating equipment.
- D. Instruct owner's personnel in proper adjustment and maintenance of hardware and hardware finishes. Turn over maintenance manual and special tools at this time.

3.4 PROTECTION:

- a. The general contractor is responsible for the proper protection of all items of hardware until the owner accepts the project as complete.

3.05 HARDWARE SCHEDULE (door numbers are room numbers unless otherwise noted)  
(review all hardware functions with owner at project meeting at the site before ordering)

**Provide master key for use at all locks on the project.**

**HW-1 EX-1, EX-3, EX-4****(coordinate between hardware supplier, door supplier, and electrical requirements)**

- 1 Master keyed lock cylinder (verify with owner)
- 1 Threshold
- 1 Sweep
- 1 Continuous Hinge 780-224 HD Roton (or 4 factory hinges)
- 1 Concealed Vertical Rod Exit - 1490 Dor-O-Matic (verify use with opener)
- 1 Pull by door mfr
- 1 Push by door mfr
- 1 Proximity Recognition reader (with FOB's)
- 1 Set Weathering - Manufacturer's Standard
- 1 ADA automatic door operator, with two pad actuators operators  
and poles if required or mount on rail/wall

**HW-2 130, 160, EX-2, EX-5, EX-6, EX-7****(coordinate between hardware supplier, door supplier and electrical specification)**

- 1 Master keyed lock cylinder
- 1 Threshold
- 1 Sweep
- 1 Continuous Hinge - 780 224 HD Roton
- 1 Exit - 8400 Mortise - Adams Rite (verify use with open and electric strike)
- 1 600D Double Mag Lock
- 1 Electric Strike - 7835 Adams Rite
- 1 Proximity Recognition reader (with FOB's)
- 1 Pull by door mrf
- 1 Push by door mfr
- 1 Proximity Recognition reader
- 1 Set Weathering - Door Manufacturer's Standard
- 1 ADA automatic door operator, with two pad actuators operators  
and poles as required by plan

**HW-3 149, 150**

3 Hinges	4-1/2 x 4-1/2	Stanley
1 Lockset	AL40S JUP	Schlage (privacy lever lockset)
1 Closer	1230	Sargent
1 ADA automatic door operator, with two pad actuators operators		

**HW-4 132, 133, 134, 138, 140, 141, 142, 143, 152, 154, 155, 156, 157, 161, 227, 228, 229, 230, 233**

3 Hinges	4-1/2 x 4-1/2	Stanley
1 Lockset	AL70Pd JUP	Schlage (lever)
1 Closer	1230	Sargent
1 Stop	575	Burns

**HW-5 136, 137, 139, 147, 148, 148A, 151, 158, 162, 225, 232, 237, 234**

3 Hinges	4-1/2 x 4-1/2	Stanley
1 Latchset **	AL10Pd JUP	Schlage (lever)
1 Closer	1230	Sargent
1 Stop	575	Burns
1 ADA automatic door operator, with two pad actuators operators		
<b>** Lockset @ 151, 162, and 234</b>		

**HW-6 (Typical Apartment Entry Door)**

3 Hinges	4-1/2 x 4-1/2	Stanley
1 Lockset (Interconnected) Lever	S251PD JUP	Schlage (only deadbolt keyed)
1 Closer	1230	Sargent
1 Stop	575	Burns
1 Door Knocker with viewer	Del-DKV630U3	Deltana
1 Viewer Holes	U700B	Ives
1 Threshold	FT-2.75 AL	
1 Door Bottom	CS36 x AMU DARK BROWN	
1 Smoke/Sound Seal	105 CHARCOA	
1 Kickplate	Stainless steel	

**HW-7 (Typical doors at interior of each apartment)****(verify number of rooms in each apartment)****(use lever handles at all units)**

Bedroom:

2 Hinges	3-1/2 x 3-1/2	Stanley
1 Lockset	AL40S JUP	Schlage
1 Stop	575	Burns

Bathroom:

2 Hinges	3-1/2 x 3-1/2	Stanley
1 Privacy lockset	AL40S JUP	Schlage
1 Stop	575	Burns

All Mechanical Room Closets: (double hinged doors)

4 Hinges	3-1/2 x 3-1/2	Stanley
1 Lockset	AL53Pd JUP	Schlage (lever)
(lockset to lock into fixed leaf door)		
2 Flush Bolts	as listed in above in paragraph 2.11	
1 Stop	575	Burns

All Closets: (single door)

4 Hinges	3-1/2 x 3-1/2	Stanley
1 Latchset	AL10S JUP	Schlage
1 Stop	575	Burns

All Closet doors : (double doors)

4 Hinges	3-1/2 x 3-1/2	Stanley
2 Catches at head	335B	Burns
2 Dummy Levers	AL170 JUP	Schlage
1 Stop	575	Burns

**HW-8 108, 109, 120, 122, 201, 203 Automatic Opening Apartment Entry Door**

1 ADA automatic door operator, with two pad actuators operators and FOB system		
1 Hinges	4-1/2 x 4-1/2	Stanley
1 Lockset (Interconnected) Lever	S251PD JUP	Schlage
1 Closer	1230	Sargent
1 Stop	575	Burns
1 Door Knocker with viewer	Del-DKV630U3	Deltana
1 Peep Holes	U700B	Ives
1 Proximity Recognition reader (with FOB's)		
1 Threshold	FT-2.75 AL	
1 Door Bottom	CS36 x AMU DARK BROWN	
1 Smoke/Sound Seal	105 CHARCOA	
1 Kickplate	Stainless Steel	

**HW-9 131, 163, 164, 226, 235 236 (stairhalls)**

3 Hinges	4-1/2 x 4-1/2	Stanley
1 Exit Device	7100F x 528F	Yale
1 Closer	1230	Sargent

**HW-10 EX-2, EX-3, EX-4, EX-6, EX-7****(coordinate between hardware supplier, door supplier and electrical specification)**

3	Hinges	4-1/2 x 4-1/2	Stanley
1	Exit Device	7100F x 528F	Yale
1	Closer	1230	Sargent
1	Weather-stripping Kit		
1	Threshold		
1	Wind Chain		
1	Exit - 8400 Mortise - Adams Rite (verify use with open and electric strike)		
1	Electric Strike - 7835 Adams Rite		
1	Proximity Recognition reader (No reader at EX-4)		

**HW-11 153, 226 Double leaf doors at corridor Fire Exit Hardware**

6	Hinges	4-1/2 x 4-1/2	Stanley
2	Exit Device	7100F x 528F	Yale
2	Closers	1230	Sargent
1	Door coridnator		
1	Door astragal		

END OF SECTION