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August 17, 2022

PWBA 2020-0804

Addendum No. 1

Armory Commission of Alabama
Pelham Range (UTES #1) Building 2 Restoration
IFB No. AC-22-B-0036-S

GENERAL

This ADDENDUM is hereby made part of the Bid/Contract Documents and as such must be acknowledged with the Bid. Failure to do so may subject the Bidder to disqualification. The following conditions take precedence over conflicting conditions in the Specifications, on the Drawings, and in any other Contract Documents. When a change is called for on a Drawing, this change shall carry through all applicable drawings including all related architectural, civil, structural, mechanical, plumbing, and electrical drawings. The Bid/Contract Documents are hereby amended in the following particulars:

GENERAL INFORMATION

1. The Owner is a tax-exempt agency and will provide a letter for use by the contractors with their vendors. Bids shall reflect pricing with no sales tax added.

DRAWINGS (Revisions based on comments from Owner's 100% Review)

1. **Refer to Sheet C2.0 SITE PLAN**
At location where the latrine building was removed, replace (sod disturbed area) with (gravel disturbed area).
2. **Refer to Sheet A001**
A. Revise Detail reference for the new bollards by the relocated storage building and the new dumpster pad to 3/A002 (SIM.).
3. **Refer to Sheet A002**
At Detail 3 – See attached revised bollard detail.
4. **Refer to Sheet A102 Reflected Ceiling Plan**
Location of Fire-Rated walls is revised to match floor plan.
5. **Refer to Sheet A300**
At Detail 1/A300 The west wall of Room 103 Computer Room/Library is a fire-rated partition and should extend to the bottom of the roof deck.

6. Refer to Sheet P200

- A. Fixture P-9 is added to the fixture schedule.
- B. Revised notes 1 and 2 to reference the 2015 IBC instead of 2018 IBC.

7. Refer to Sheet M200

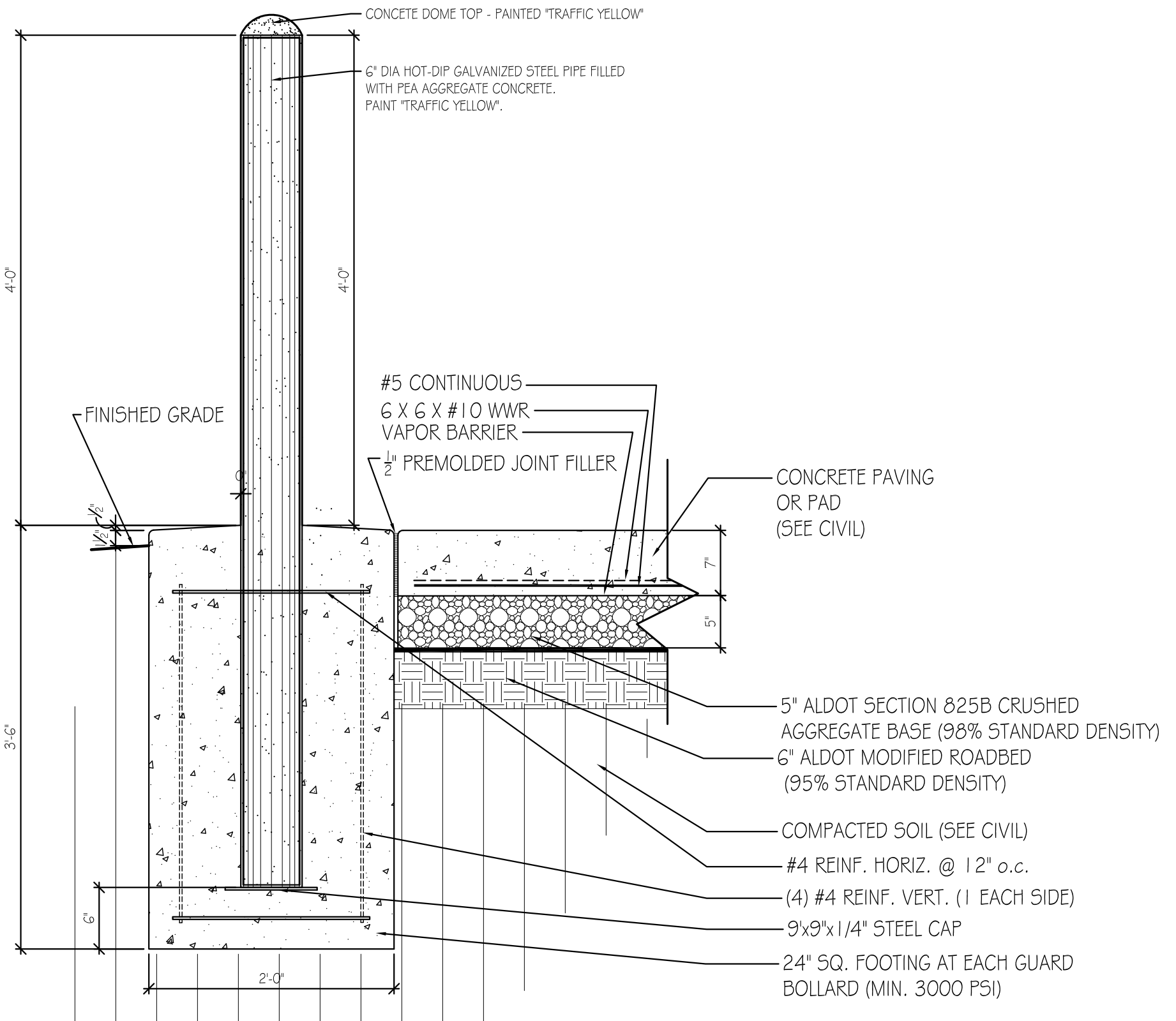
- A. Added a note to show which of the 6 ERF's each of the two starters control.
- B. Corrected the leader location on drawing keynote 10.
- C. Adding the location of the CO monitor on the plans.
- D. Shown sensor symbol on the plans. Keynote 13 indicates a space sensor.
- E. Adds notes to designate which of the 6 ERF's are controlled by each of the 2 starters shown on the plans.

SPECIFICATIONS

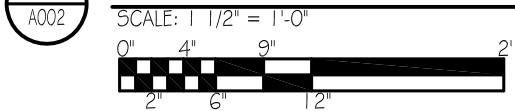
1. Refer to Section 08710 FINISH HARDWARE

Replace Section 08710 in its entirety.

END OF ADDENDUM 1



3 STEEL BOLLARD DETAIL



**SECTION 08 71 00
DOOR HARDWARE****PART 1 - GENERAL****1.01 SECTION INCLUDES**

- A. The work in this section shall include the furnishing of all items of door hardware as hereinafter specified, or obviously necessary to complete the building, except those items which are specifically excluded from this section of the specification.
- B. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.02 RELATED REQUIREMENTS

- A. Section 08 11 13 – Hollow Metal Doors and Frames.

1.03 DEFINITIONS

- A. Door Hardware: Hardware used in building construction but particularly that used on or in connection with doors, frames, cabinets, and other movable members. It also has a finished appearance as well as functional purpose and may be considered as a part of the decorative treatment of a room or building.

1.04 QUALITY ASSURANCE

- A. Hardware has been specified herein by manufacturers' name, brand, and catalog numbers for the purpose of establishing a basis for quality, finish, design, and operational function.
- B. To ensure a uniform basis of acceptable materials, it is the intention that only manufacturers' items specified as "accepted and approved" be furnished for use on this project.
- C. Deviation from or modification of items will be permitted only for special instances caused by reason of construction characteristics and for the purpose of providing proper operational function. The contractor shall be responsible for checking any necessary deviations in order that hardware shall fit and function properly.
- D. Substitutions: Request for substitutions of items of hardware other than those listed as "accepted and approved" shall be made to the architect no later than ten (10) days prior to bid opening. Approval of substitutions will only be given in writing or by Addenda. Requests for substitutions shall be accompanied by detailed information for each manufacturer of each product showing design, functions, material thickness and any other pertinent information needed to compare your product with that specified.
- E. Supplier: A recognized builders hardware supplier whose principal office and place of business is located within 150 miles of the project site, who has been furnishing hardware in the project's vicinity for a period of not less than five (5) years; and who is, or has in full time employment an Architectural Hardware Consultant (AHC) in good standing as certified by the American Society of Architectural Hardware Consultants, or equivalent, and who is a direct distributor of the products approved, for warranty purposes. This paragraph will be strictly enforced. All schedules shall be signed by an AHC.
- F. Products and installation under the work of this Section shall comply with, in part, at least the more stringent provisions of the following, either the latest edition or latest adopted edition of the locality, and all revisions and amendments thereto:
 - 1. Americans With Disabilities Act of 1990 (ADA) "Accessibility Guidelines" (ADA-AG).
 - 2. "2010 ADA Standards for Accessible Design", Published in the Federal Register September 15, 2010.
 - 3. American National Standards Institute (ANSI), ANSI A 117.1, 2003.
 - 4. "Uniform Federal Accessibility Standards" (UFAS).
 - 5. International Building Code, either the latest edition or latest adopted edition of the locality as applicable at the project locale.
 - 6. Where this requires any substitution of products specified herein, advise Architect in writing for necessary approvals.

1.05 SUBMITTALS

- A. See Section 01 33 00 – Submittal Procedures.
- B. The door hardware supplier shall, after award of a formal contract submit to the architect, six (6) complete computerized or typewritten (handwritten are not acceptable) copies of the proposed door hardware schedule for approval. The schedule shall be prepared using the “sequence and format” for the Door and Hardware Institute (DHI). After approval of the schedule the hardware supplier shall provide three (3) copies of this approved schedule to the contractor for file and distribution purposes. Hardware will not be ordered by the hardware supplier until an approved schedule has been received. Horizontal schedules will not be acceptable. Provide vertical format.
- C. When submitting schedules for approval, include two manufacturers’ cut sheets on each hardware item proposed. Index it with the use of number or letters or a combination of both, with the hardware schedule. The index numbers/letters are to be in right hand column on the same line as the respective manufacturers’ numbers. All manufacturers’ numbers shall be indexed even when appearing more than once.
- D. Templates: The hardware supplier shall provide necessary templates and/or physical hardware to all trades requiring them in order that they may cut, reinforce, or otherwise prepare their material or product to receive the hardware item. If physical hardware is required by any manufacturer the hardware supplier shall ship to them such hardware via prepaid freight in sufficient time to prevent any delay in the execution of their work.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. All items of hardware to be delivered to the job site shall be of completely packaged with all necessary screws, bolts, miscellaneous parts, instructions, and where necessary installation templates for manufacturers’ suggested installation. All boxes are to have a typed label with door hand, room location, item number and keying to conveniently identify them and their intended location in the building.
- B. A representative of the Contractor shall receive the hardware when delivered at the job site. A dry locked storage space complete with shelving, shall be set aside for the purpose of unpacking, sorting, checking and storage.
- C. Door hardware shall be delivered to the Contractor by the hardware supplier. Direct factory shipments to the job site are not acceptable.
- D. The hardware shall be jointly inventoried by the representative of the Contractor and the hardware supplier.
- E. Items damaged in shipment shall be replaced promptly and with proper material without additional cost to the Contractor.
- F. All hardware shall be handled in a manner to minimize marring, scratching or damage.

1.07 WARRANTY

- A. Provide manufacturers warranties from hardware supplier as follows, starting on the date of Final Acceptance of the Project:
 - 1. Closers: Ten years
 - 2. Exit Devices & Locksets: Three years
 - 3. Locksets: Three Years.
 - 4. All Other Hardware: One year.
- B. The above warranties shall be in addition to, shall be in effect simultaneously with, and shall not alter other project or product warranties or guarantees, nor shall they serve as a limitation to other remedies available to the Owner.

PART 2 - PRODUCTS**2.01 ACCEPTABLE MANUFACTURERS**

- A. Requirements for design, grade, function, finish, size and other distinctive qualities of each type of door hardware are indicated in the hardware schedule at the end of this section.
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2.02 FINISH OF HARDWARE

- A. Finish of hardware items to conform to ANSI A156.18 unless otherwise specified. Unless specified otherwise in the hardware sets, and shall be as follows:

Butt Hinges:	Exterior 630, Interior 652
Locks:	US26D, satin chrome
Lock Cylinders:	US26D, satin chrome
Exit Devices:	US26D, w/satin stainless steel touch bars
Surface Closers:	689 powder coat painted aluminum
Flat Goods:	630, satin stainless steel
Threshold:	628
Weatherstrip (Adhesive):	Bronze or Black
Weather Strip (Metal Retainer):	628

2.03 HINGES

- A. Templates Hinges: Except for hinges and pivots to be installed entirely (both leaves) into wood doors and frames, provide only template hinges which conform to ANSI whenever applicable.
- B. Hinge pins, except as otherwise indicated, shall be as follows:
 - 1. Steel Hinges: Steel Pins
 - 2. Non-Ferrous Hinges: Stainless Steel Pins
 - 3. Exterior Doors: Non-Removable Pins (NRP) or Security Stud
 - 4. Out-Swing Corridor Doors: Non-Removable Pins (NRP), whether specified in the hardware sets or not.
 - 5. Interior Doors: Non-Rising Pins
 - 6. Tips: Flat button and matching plug, finished to match leaves, except where hospital tip indicated.
- C. Where projection of door trim is such as to prevent desired degree of opening, the proper hinge width shall be provided to allow the door to clear the trim.
- D. Acceptable and approved only as follows:
 - 1. Ives *
 - 2. Bommer USA
 - 3. Hager

2.04 CYLINDERS, KEYS AND KEYING

- A. Master key all lock cylinders to the Owner’s existing master key system. Existing cylinders are Marshall Best small format key interchangeable core (SFIC). Provide a new lock cylinder housing and permanent core for all new locks and exit devices. Match existing cylinder keyway in use at the facility. Provide cylinder housings with the collars, cams and tail pieces as required to operate the specified locks and exit devices. Specific keying requirements are to be determined at a meeting between the Owner and the door hardware supplier.
- B. Provide temporary brass construction use cores for all lock cylinders. At the completion of the project, the Contractor shall remove all construction use core sand install all new permanent cores. Contractor shall return all construction cores to the door hardware supplier.
- C. Stamping: Stamp all keys with their assigned key set symbols. Stamp all permanent cores in a concealed location with their assigned key set symbol. Stamp all permanent keys with the notation: “Do Not Duplicate”.
- D. Key Quantities:
 - 1. 5 each master keys per MK group created
 - 2. 2 each operating keys per lock cylinder.
 - 3. 50 each key blanks

2.05 LOCKSETS & LATCHSETS

- A. Accepted and approved as follows:
 - 1. Falcon MA Series, LGN Design *
 - 2. Schlage L9000 Series, LON-N Design
 - 3. Corbin ML2000 Series, ESM Design
- B. Provide function specified in the door hardware sets. All locks shall be equipped with strike dust boxes. Strike size shall be ASA 4 7/8". All locks shall be ANSI grade 1, UL listed for fire door use.

2.06 CLOSERS

- A. Accepted and approved only as follows:
 - 1. LCN 4000 Series
 - 2. Sargent 281 Series
 - 3. Falcon SC71A Series *
 - 4. Provide series types as specified in the door hardware sets.
- B. All closers shall be mounted on interior side of rooms.
- C. All closers shall have full covers, cast aluminum or cast-iron bodies. All regular arm mounted closers shall have forged steel arms. Parallel arm mounted door closers shall have forged steel arms equal Falcon "FA". Closers shall be capable of adjustment as required to meet all ADA-AG opening force requirements. **Closer case piston diameter shall be minimum 1-1/2"**.
- D. All closers shall be U.L. listed and shall meet ANSI Grade 1 requirements.

2.07 FLAT GOODS

- A. Accepted and approved only as follows:
 - 1. Ives *
 - 2. Trimco
 - 3. Hiawatha
- B. It is the responsibility of the hardware supplier to provide proper screw attachments per wall or floor conditions for door stops.
- C. Provide stops for each and every interior and exterior opening. Wall stops shall be of cast brass or bronze plated finish to match lock trim finish.
- D. Kickplates and armor plates shall be equal to Ives "8400 series" and shall be mounted by sheet metal screws where indicated in hardware sets. All kick plates shall be .050" satin stainless steel, **beveled all 4 edges**, with screw holes drilled. **Shape of screw head shall be conical to provide near complete countersink**. Pan-head screws or substitution of manufacturer supplied screws will not be acceptable.
- E. Where kick or armor plate height conflicts with specified door lite kits or louvers, supplier shall adjust plate height dimension to clear products as needed.

2.08 THRESHOLDS AND WEATHERSTRIPPING

- A. Accepted and approved as follows:
 - 1. Zero *
 - 2. National Guard
 - 3. Reese

2.09 EXIT DEVICES

- A. Accepted and approved as follows:
 - 1. Von Duprin 98 series
 - 2. Sargent 8000 Series
 - 3. Falcon 25/19 Series *
 - 4. Provide series types as specified in the door hardware sets.
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- B. Provide functions specified in the door hardware sets. All exit devices shall be UL listed for panic. Exit devices shall be UL listed for fire where specified in hardware sets and as shown on drawing door schedule.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Mount hardware units at heights indicated in "Recommended Locations for Builders Hardware" by the Door and Hardware Institute (DHI), except if otherwise specifically indicated or to comply with requirements of governing regulations, requirements for the disabled or handicapped, or if otherwise directed by the Architect.
- B. Degree of opening for doors with overhead holders, closers, etc., shall be included in the hardware schedule for the Architect's approval.
- C. All hardware shall be installed by tradesmen skilled in the application of commercial grade hardware.
- D. Install each hardware item in compliance with the instructions and recommendations. Securely fasten all parts to be attached. Fit faces of mortised parts snug and flush. Make sure all operating parts move freely and smoothly without binding, sticking or excessive clearance. Wherever cutting and fitting is required to install hardware onto or into surfaces which are later to be painted and finished in another way, the hardware shall be removed and stored prior to the painting or finishing. Items shall then be reinstalled only when the finishes have been completed on the surface to which the hardware is to be applied.
- E. After installation, representative templates, instruction sheets and installation details shall be placed in a file folder to be turned over to the Owner when the building is accepted. Included shall be at least five each of any special adjusting and/or installation tools furnished with the hardware by the manufacturers.

3.02 ADJUSTING AND CLEANING

- A. Adjust and check each operating item of hardware to ensure correct operation and function. Units which cannot be adjusted to operate as intended for the application made shall be replaced.
- B. Final Adjustment: Wherever hardware installation is made more than one month prior to building acceptance or occupancy of a space or area. The installer shall return to the work during the week prior to acceptance or occupancy and make final check and adjustment of all hardware items. Hardware shall be cleaned as necessary to restore current operation, function, and finish. Door control devices shall be adjusted to compensate for final operation of heating and ventilating equipment.

3.03 PROTECTION

- A. Whenever hardware is located in areas where it may be subject to damage during construction by handling, cleaning, etc., (e.g., painting, cleaning of bricks) it shall be protected and/or removed from its location until the hazardous condition is terminated.

3.04 GENERAL NOTES

- A. Before installation of any hardware begins the Contractor's installer shall contact the hardware supplier to discuss any special installation requirements for all hardware items. Their discussion shall include, but not be limited to such items as proper closer mounting, proper fasteners to be used for hardware, locksets and exit device backsets, etc.
- B. Electric power tools should be used on hardware fasteners so as to prevent damage to screw heads.
- C. Hardware supplier should verify all quantities in the following schedule.

3.05 SCHEDULES

- A. The following is a general listing of hardware requirements and is not intended for use as a final hardware schedule. Any items of hardware required by established standards of practice, or to meet state and local codes shall be furnished whether or not specifically called out in the following listed groups.
- B. Supplier shall supply hardware for every numbered opening, whether specified in the above hardware sets or not. Hardware shall be same as similar openings.
- C. **EXISTING CONDITIONS:** New door hardware has been specified with goal to fit existing frames/doors with no modification where possible, but this is not guaranteed. The door hardware on existing materials scheduled to be re-used. Where required by existing conditions the hardware supplier shall coordinate and provide special template butt hinges, special template strikes for locks, door/frame cover plates, door/frame filler plates, as required to cover existing screw holes and preparations not covered by the new replacement door closers, locksets and exit devices.

HARDWARE SETS

HARDWARE SET: 01 (EXISTING HOLLOW METAL FRAME X EXISTING HOLLOW METAL DOORS)

DOOR NUMBER:

M1			
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EACH TO HAVE:

6	BUTT HINGES	5BB1/5BB1HW NRP SIZE AS REQ'D – FIELD VERIFY	IVE
2	FLUSH BOLTS/SURFACE BOLTS	FB458/SB453-TYPE AS REQ'D - FIELD VERIFY	IVE
1	LOCKSET	MA581L	FAL
1	MORTISE CYLINDER	TYPE AS REQ'D	
2	KICK PLATES	8400 10" X 2" LDW B-CS	IVE
2	OVERHEAD HOLD/STOPS	RE-USE EXISTING	
2	MEETING EDGE SEALS	328AA-S	ZER
1	THRESHOLD	RE-USE EXISTING	
1	GASKETING	8144SBK PSA FRAME HEAD	ZER
1	GASKETING	475AA FRAME JAMBS	ZER
2	DOOR SWEEPS	8198AA	ZER

ADJUST HINGES AND LOCK FOR PROPER CLOSE AND LATCH OF DOOR.
 GC TO LUBRICATE EXISTING OVERHEAD HOLD/STOPS USING GLYNN JOHNSON APPROVED MATERIALS. HARDWARE SUPPLIER TO PROVIDE LUBRICATION MATERIALS TO GC.

HARDWARE SET: 02 (EXISTING HOLLOW METAL FRAME X EXISTING HOLLOW METAL DOORS)

DOOR NUMBER:

E1			
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EACH TO HAVE:

3	BUTT HINGES	5BB1/5BB1HW NRP SIZE AS REQ'D – FIELD VERIFY	IVE
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1	EXIT DEVICE	25-M-NL-512NL	FAL
1	MORTISE CYLINDER	TYPE AS REQ'D	
1	SURFACE CLOSER	SC71A W/SC70A-62A FOR CLEARANCE OF EXIST OVERHEAD HOLDER/STOP TBSRT	FAL
1	KICK PLATE	8400 10" X 2" LDW B-CS	IVE
1	OVERHEAD HOLD/STOP	RE-USE EXISTING	
1	THRESHOLD	RE-USE EXISTING	
1	GASKETING	8144SBK PSA FRAME HEAD	ZER
1	GASKETING	475AA FRAME JAMBS	ZER
1	DOOR SWEEP	8198AA	ZER
1	LOCK EDGE FILLER	86 EDGE USP	

ADJUST HINGES AND LOCK FOR PROPER CLOSE AND LATCH OF DOOR.
 GC TO LUBRICATE EXISTING OVERHEAD HOLD/STOPS USING GLYNN JOHNSON APPROVED MATERIALS. HARDWARE SUPPLIER TO PROVIDE LUBRICATION MATERIALS TO GC.

HARDWARE SET: 03 (EXISTING HOLLOW METAL FRAME X EXISTING HOLLOW METAL DOORS)

DOOR NUMBER:

100A	100B				
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EACH TO HAVE:

3	BUTT HINGES	5BB1/5BB1HW NRP SIZE AS REQ'D – FIELD VERIFY	IVE
1	LOCKSET	MA571L	FAL
1	MORTISE CYLINDER	TYPE AS REQ'D	
1	SURFACE CLOSERS	SC71A SS TB	FAL
1	KICK PLATES	8400 10" X 2" LDW B-CS	IVE
1	THRESHOLD	RE-USE EXISTING	
1	GASKETING	8144SBK PSA FRAME HEAD	ZER
1	GASKETING	475AA FRAME JAMBS	ZER
1	DOOR SWEEPS	8198AA	ZER

REMOVE EXISTING CONCEALED OVERHEAD TRACK HOLDER/STOP.
 WHERE NEW DOOR CLOSER HARDWARE DOES NOT COVER EXISTING HOLE PREPARATIONS, FILL HOLES WITH SEX BOLTS OR OTHER APPROVED FILLER MATERIAL.
 ADJUST HINGES AND LOCK FOR PROPER CLOSE AND LATCH OF DOOR.

HARDWARE SET: 04 (EXISTING HOLLOW METAL FRAME X EXISTING HOLLOW METAL DOORS)

DOOR NUMBER:

111B	113C	115C	115D		
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EACH TO HAVE:

3	BUTT HINGES	5BB1/5BB1HW NRP SIZE AS REQ'D – FIELD VERIFY	IVE
1	EXIT DEVICE	19-R-EO-US32D (EXIT ONLY)	FAL

1	EXIT DEVICE	CD-25-R-512NL-US32D (DOOR 111B, 113C ONLY)	FAL
2	MORTISE CYLINDER	TYPE AS REQ'D (DOOR 111B, 113C ONLY)	
1	SURFACE CLOSER	SC71A SS TB	FAL
1	KICK PLATES	8400 10" X 2" LDW B-CS	IVE
1	THRESHOLD	RE-USE EXISTING	
1	GASKETING	8144SBK PSA HEAD & JAMBS	ZER
1	DOOR SWEEPS	8198AA	ZER

WHERE NEW DOOR CLOSER HARDWARE DOES NOT COVER EXISTING HOLE PREPARATIONS, FILL HOLES WITH SEX BOLTS OR OTHER APPROVED FILLER MATERIAL.

ADJUST HINGES AND LOCK FOR PROPER CLOSE AND LATCH OF DOOR.

HARDWARE SET: 05 (EXISTING HOLLOW METAL FRAME X EXISTING HOLLOW METAL DOORS)

DOOR NUMBER:

107					
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EACH TO HAVE:

3	BUTT HINGES	5BB1/5BB1HW NRP SIZE AS REQ'D – FIELD VERIFY	IVE
1	LOCKSET	MA521L	FAL
1	MORTISE CYLINDER	TYPE AS REQ'D	
1	SURFACE CLOSER	SC71A SS TB	FAL
1	KICK PLATE	8400 10" X 2" LDW B-CS	IVE
1	MOP PLATE	8400 6" X 1" LDW B-CS	IVE
1	GASKETING	188S-BK	ZER

WHERE NEW DOOR CLOSER HARDWARE DOES NOT COVER EXISTING HOLE PREPARATIONS, FILL HOLES WITH SEX BOLTS OR OTHER APPROVED FILLER MATERIAL.

ADJUST HINGES AND LOCK FOR PROPER CLOSE AND LATCH OF DOOR.

HARDWARE SET: 06 (EXISTING HOLLOW METAL FRAME X EXISTING HOLLOW METAL DOORS)

DOOR NUMBER:

111A					
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EACH TO HAVE:

3	BUTT HINGES	5BB1/5BB1HW NRP SIZE AS REQ'D – FIELD VERIFY	IVE
1	LOCKSET	MA571L	FAL
1	MORTISE CYLINDER	TYPE AS REQ'D	
1	SURFACE CLOSER	SC71A RW/PA TB	FAL
1	KICK PLATE	8400 10" X 2" LDW B-CS	IVE
1	MOP PLATE	8400 6" X 1" LDW B-CS	IVE
1	WALL STOP	WS406/407CVX	IVE
1	MORTISE CYLINDER	TYPE AS REQ'D	

1	THRESHOLD	545A-244	ZER
1	SWEEP STRIP	8192AA	ZER
1	GASKETING	188S-BK	ZER

WHERE NEW DOOR CLOSER HARDWARE DOES NOT COVER EXISTING HOLE PREPARATIONS, FILL HOLES WITH SEX BOLTS OR OTHER APPROVED FILLER MATERIAL.

ADJUST HINGES AND LOCK FOR PROPER CLOSE AND LATCH OF DOOR.

HARDWARE SET: 07 (EXISTING HOLLOW METAL FRAME X EXISTING HOLLOW METAL DOORS)

DOOR NUMBER:

101					
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EACH TO HAVE:

3	BUTT HINGES	5BB1/5BB1HW SIZE AS REQ'D – FIELD VERIFY	IVE
1	LOCKSET	MA521L	FAL
1	MORTISE CYLINDER	TYPE AS REQ'D	
1	SURFACE CLOSER	SC71A-H TB	FAL
1	KICK PLATE	8400 10" X 2" LDW B-CS	IVE
1	MOP PLATE	8400 6" X 1" LDW B-CS	IVE
1	FLOOR STOP	FS436	IVE
1	GASKETING	188S-BK	ZER

WHERE NEW DOOR CLOSER HARDWARE DOES NOT COVER EXISTING HOLE PREPARATIONS, FILL HOLES WITH SEX BOLTS OR OTHER APPROVED FILLER MATERIAL.

ADJUST HINGES AND LOCK FOR PROPER CLOSE AND LATCH OF DOOR.

HARDWARE SET: 08 (EXISTING HOLLOW METAL FRAME X EXISTING HOLLOW METAL DOORS)

DOOR NUMBER:

105	106				
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EACH TO HAVE:

3	BUTT HINGES	5BB1/5BB1HW SIZE AS REQ'D – FIELD VERIFY	IVE
1	PUSH PLATE	8200 8" X 16"	IVE
1	PULL PLATE	8303 8" PULL, 4" X 16" PLATE	IVE
1	SURFACE CLOSER	SC71A RW/PA TB	FAL
1	KICK PLATE	8400 10" X 2" LDW B-CS	IVE
1	MOP PLATE	8400 6" X 1" LDW B-CS	IVE
1	WALL STOP	WS406/407CVX	IVE
1	SILENCERS	SR64	IVE

WHERE NEW DOOR CLOSER HARDWARE DOES NOT COVER EXISTING HOLE PREPARATIONS, FILL HOLES WITH SEX BOLTS OR OTHER APPROVED FILLER MATERIAL.

ADJUST HINGES AND LOCK FOR PROPER CLOSE AND LATCH OF DOOR.

HARDWARE SET: 09 (EXISTING HOLLOW METAL FRAME X EXISTING HOLLOW METAL DOORS)

DOOR NUMBER:

108					
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EACH TO HAVE:

3	BUTT HINGES	5BB1/5BB1HW NRP SIZE AS REQ'D – FIELD VERIFY	IVE
1	EXIT DEVICE	F-25-M-L-DANE-SNB	FAL
1	MORTISE CYLINDER	TYPE AS REQ'D	
1	SURFACE CLOSER	SC71A FA TB (SS ARM)	FAL
1	KICK PLATE	8400 10" X 2" LDW B-CS	IVE
1	MOP PLATE	8400 6" X 1" LDW B-CS	IVE
1	GASKET SEAL	188S-BK-PSA	ZER

PROVIDE FIRE RATED DOOR HARDWARE AT FIRE RATED DOORS. FIELD VERIFY FRAME AND DOOR FOR RATINGS.

WHERE NEW DOOR CLOSER HARDWARE DOES NOT COVER EXISTING HOLE PREPARATIONS, FILL HOLES WITH SEX BOLTS OR OTHER APPROVED FILLER MATERIAL.

ADJUST HINGES AND LOCK FOR PROPER CLOSE AND LATCH OF DOOR.

HARDWARE SET: 10 (NEW HOLLOW METAL FRAME X EXISTING HOLLOW METAL DOORS)

DOOR NUMBER:

103					
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EACH TO HAVE:

3	BUTT HINGES	5BB1/5BB1HW SIZE AS REQ'D – FIELD VERIFY	IVE
1	LOCKSET	MA521L	FAL
1	MORTISE CYLINDER	TYPE AS REQ'D	
1	SURFACE CLOSER	SC71A RW/PA	FAL
1	KICK PLATE	8400 10" X 2" LDW B-CS	IVE
1	MOP PLATE	8400 6" X 1" LDW B-CS	IVE
1	OVERHEAD STOP	90S SNB	GLY
1	GASKET SEAL	188S-BK-PSA	ZER

ADJUST EXISTING HINGES AND LATCH FOR PROPER CLOSE AND LATCH OF DOOR.

HARDWARE SET: 11 (NEW DOOR X NEW FRAME)

DOOR NUMBER:

102					
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EACH TO HAVE:

3	BUTT HINGES	5BB1 4.5 X 4.5	IVE
1	LOCKSET	MA521L	FAL
1	MORTISE CYLINDER	TYPE AS REQ'D	
1	SURFACE CLOSER	SC71A RW/PA	FAL
1	KICK PLATE	8400 10" X 2" LDW B-CS	IVE

1	MOP PLATE	8400 6" X 1" LDW B-CS	IVE
1	WALL STOP	WS406/407CVX	IVE
1	GASKET SEAL	188S-BK-PSA	ZER

HARDWARE SET: 12 (EXISTING FRAME X NEW HOLLOW METAL DOOR)

DOOR NUMBER:

100C					
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EACH TO HAVE:

3	BUTT HINGES	5BB1/5BB1HW SIZE AS REQ'D – FIELD VERIFY	IVE
1	LOCKSET	MA571L	FAL
1	MORTISE CYLINDER	TYPE AS REQ'D	
1	SURFACE CLOSER	SC71A RW/PA TB	FAL
1	KICK PLATE	8400 10" X 2" LDW B-CS	IVE
1	MOP PLATE	8400 6" X 1" LDW B-CS	IVE
1	FLOOR STOP	FS439	IVE
1	THRESHOLD	545A-224	ZER
1	SWEEP STRIP	8192AA	ZER
1	GASKETING	188S-BK	ZER

ADJUST HINGES AND LOCK FOR PROPER CLOSE AND LATCH OF DOOR.

HARDWARE SET: 13 (EXISTING HOLLOW METAL FRAME X EXISTING HOLLOW METAL DOORS)

DOOR NUMBER:

110					
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EACH TO HAVE:

3	BUTT HINGES	5BB1/5BB1HW SIZE AS REQ'D – FIELD VERIFY	IVE
1	LOCKSET	MA571L	FAL
1	MORTISE CYLINDER	TYPE AS REQ'D	
1	KICK PLATE	8400 10" X 2" LDW B-CS	IVE
1	MOP PLATE	8400 6" X 1" LDW B-CS	IVE
1	WALL STOP	WS406/407CVX	IVE
1	GASKETING	188S-BK	ZER

ADJUST HINGES AND LATCH FOR PROPER CLOSE AND LATCH OF DOOR.

HARDWARE SET: 14 (NEW HOLLOW METAL FRAME)

DOOR NUMBER:

104	109				
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CASED OPENING

HARDWARE SET: 15

DOOR NUMBER:

113A	113B	114A	114B	115A	115B
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ALL HARDWARE PROVIDED BY OVERHEAD DOOR SUPPLIER/MFG

HARDWARE SET: 16 (NEW HOLLOW METAL FRAME X NEW HOLLOW METAL DOORS)

DOOR NUMBER:

CSL-1					
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EACH TO HAVE:

6	BUTT HINGES	5BB1HW 4.5 X 4.5	IVE
2	FLUSH BOLTS	FB458	IVE
1	DEADLOCK	D141HD	FAL
1	MORTISE CYLINDER	TYPE AS REQ'D	
2	PUSH PLATE	8200 4" X 16"	IVE
2	PULL PLATE	8303 8" PULL, 4" X 16" PLATE	IVE
2	SURFACE CLOSERS	SC71A SS TB	FAL
2	KICK PLATES	8400 10" X 2" LDW B-CS	IVE
2	MEETING EDGE SEALS	328AA-S	ZER
1	THRESHOLD	655A-V3	ZER
1	GASKETING	8144SBK PSA FRAME HEAD	ZER
1	GASKETING	475AA FRAME JAMBS	ZER
2	DOOR SWEEPS	8198AA	ZER
2	MEETING EDGE SEALS	328AA	ZER
1	OVERHEAD RAIN DRIP CAP	142A	ZER

ADJUST HINGES AND LOCK FOR PROPER CLOSE AND LATCH OF DOOR.

A.

HARDWARE SET: 17 (NEW HOLLOW METAL FRAME X NEW HOLLOW METAL DOOR)

DOOR NUMBER:

MSB-1					
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EACH TO HAVE:

3	BUTT HINGES	5BB1 4.5 X 4.5	IVE
1	LOCKSET	MA581L	FAL
1	KICK PLATE	8400 10" X 2" LDW B-CS	IVE
1	THRESHOLD	655A-V3	ZER
1	WEATHERSTRIP	475AA	ZER
1	DOOR SWEEP	8192AA	ZER
1	DOOR BOTTOM DRIP	11A	ZER
1	OVERHEAD RAIN DRIP CAP	142A	ZER

END OF SECTION