

ADDENDUM 01

Harrison County Law Enforcement Training Academy

Date: Friday, June 18, 2021

MP Project #: 0047.17.001

Project Name: Harrison County Law Enforcement Training Academy
James Bond Road
Gulfport, Mississippi 39503

Owner: Harrison County Board of Supervisors
1801 23rd Avenue
Gulfport, Mississippi 39501

To: All Prospective Bidders

From: Bradford A. Jones, AIA

Bidders are hereby informed that the Project Manual and Drawings are modified as follows:

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents with a signed and stamped date of June 10, 2021. It is the General Contractor's responsibility for providing proper acknowledgement and receipt of this Addendum in the Bid Forms/Document.

Attachments to this Addendum: As described herein

Total Number of Pages in this Addendum: 16 Pages

PART A: GENERAL ADDENDUM, BIDDING, AND/OR PROJECT NOTES: (Responses are in RED)

A1. Please provide this following at your convenience.

1. Scope of Work: A new +/- 12,000 SF training facility and associated site improvements. Building is Slab on Grade Pre-Engineered Metal Building (PEMB) main frame. Exterior finishes include PEMB metal wall finishes and a combination of Face Brick and EIFS finishes. Interior partitions are metal stud. Interior program includes a full kitchen, sleeping quarters, bathing facilities, offices, and accessory spaces.
2. Project Duration: 360 calendar days
3. Budget Amount: Approximately 3M
4. Expected Start Date: August
5. Wage Requirement (if any): N/A
6. SDB Requirement (if any): N/A

PART B: CONTRACTOR QUESTIONS WITH RESPONSES (Responses are in RED)

Note: If you do not see your question answered, then we are still researching or working on a solution.

B1. None this addendum.

PART C: DRAWING CLARIFICATIONS, REVISIONS, AND ADDITIONS:

- C1. Arch:
 - 1. A101: Replace this sheet in its entirety. Changes are clouded.
 - 2. A602: Replace this sheet in its entirety. Changes are clouded.

PART D: SPECIFICATION CLARIFICATIONS, REVISIONS, AND ADDITIONS

- D1. Section 001113 – Advertisement for Bidders: Delete this specification section in its entirety and replace with the attached. Fourth Paragraph has been deleted: ~~“Complete Bid Documents for a Stipulated Sum contract may also be obtained from the online plan room website of the design professional at www.mpengplans.us upon receipt of a non-refundable deposit. The amount of this deposit is directly correlated to the size and number of bid documents and will be indicated on the plan room website for said project.”~~
- D2. 087100 – Door Hardware: Add this section in its entirety.
- D3. 087100.1 – Hardware Sets: Add this section in its entirety.

PART E: APPROVED PRODUCT/VENDOR EQUALS

- E1. None this addendum.

END OF ADDENDUM 01

**SECTION 001113
ADVERTISEMENT FOR BIDS**

THE HARRISON COUNTY BOARD OF SUPERVISORS, GULFPORT, MISSISSIPPI, WILL RECEIVE "SEALED" OR "ELECTRONIC BIDS" FOR THE:

HARRISON COUNTY LAW ENFORCEMENT TRAINING ACADEMY IN GULFPORT, MS

at GULFPORT, MISSISSIPPI, at the BOARD CONFERENCE ROOM, FIRST JUDICIAL COURTHOUSE, 1801 23rd AVE, GULFPORT, MISSISSIPPI, until 10:00 o'clock A.M., TUESDAY, JULY 13, 2021, and then at said office publicly opened and read aloud.

Sealed" or "Electronic Bids" will be received for the construction of Harrison County Law Enforcement Training Academy in accordance with the Instructions to Bidders.

Bid documents can be viewed or downloaded at www.centralbidding.com . Bid documents are also available by contacting the Harrison County Purchasing Department at 228-865-4028.

All "Electronic Bids" must be submitted on-line at www.centralbidding.com prior to the opening date and time as stated above. For any questions relating to the electronic bidding process, please call Central Bidding at 225-810-4814.

You may also contact the Harrison County Purchasing Department at 228-865-4028 for assistance or questions.

All "Sealed Bids" must be on file with the Clerk of the Board prior to the opening date and time as stated above. All Sealed Bids must be sealed and clearly marked on the outside of the envelope as indicated "Harrison County Adult Detention Center Upgrades and Repairs" to be opened Tuesday, July 13, 2021.

Sealed Bid" envelopes not so marked are submitted at the risk of the prospective Bidder and the County assumes no responsibility for the premature opening of same by any County employee.

Sealed Bids" sent through the U.S. Mail are done so at the risk of the Prospective Vendor and should be addressed to the Harrison County Board of Supervisors, in care of the Chancery Clerks Office, Post Office Drawer CC, Gulfport, Mississippi, 39502. The County is NOT responsible for Sealed Bids that arrive in the mail after the designated opening time. Sealed Bids may be delivered in person to the Harrison County Chancery Clerk's Office in the First Judicial District Courthouse located at 1801 23rd Ave, Gulfport, Mississippi until 5:00 p.m., MONDAY, JULY 12, 2021 or the Board of Supervisor's Conference Room at the First Judicial District Courthouse in Gulfport, Mississippi on TUESDAY, JULY 13, 2021 prior to the opening time as listed above.

If the agency is closed for any reason, including but not limited to: acts of God, strikes, lockouts, riots, acts of war, epidemics, governmental regulations superimposed after the fact, fire, earthquakes, floods, or other natural disasters (the "Force Majeure Events"), which closure prevents the opening of bids at the advertised date and time, all bids received shall be publicly opened and read aloud on the next business day that the agency shall be open and at the previously advertised time. The new date and time of the bid opening, as determined in accordance with this paragraph, shall not be advertised, and all Vendors/Contractors, upon submission of a bid proposal, shall be deemed to have knowledge of and shall have agreed to the provisions of this paragraph. Bids shall be received by the agency until the new date and time of the bid opening as set forth herein. The agency shall not be held responsible for the receipt of any bids for which the delivery was attempted and failed due to the closure of the agency as a result of a Force Majeure Event. Each Vendor/Contractor shall be required to ensure the delivery and receipt of its Sealed and/or Electronic bid by the agency prior to the new date and time of the bid opening.

The Owner expressly reserves the right to accept or reject any or all bids or any part of any or all bids based on a lowest and best bid determination. If the Bid documents request separate bids on phases or items of a project, the Owner reserves the right to accept or reject any or all bids or any part of any or all bids based on a lowest and best bid determination on each phase or item for which a separate bid is requested. The Owner reserves the right to reject any and all bids and to waive informalities.

For bids equaling or exceeding \$50,000.00, the bidder must indicate his Certificate of Responsibility number on the outside of the sealed bid envelope as required by Mississippi Bid Law.

Per Mississippi Law, MS Code 31-3-21 (3); any bid submitted by a non-resident contractor which does not include the non-resident contractor's current state law pertaining to such states treatment of nonresident contractor's, shall be rejected and not considered for award. If no such law exists in the nonresident contractor's state, then the non-resident contractor must provide a statement to that effect.

Bids may be held by the Owner for a period not to exceed sixty (60) days from the date of submittal for the purpose of reviewing the bids and investigating the qualifications of Bidders, prior to awarding of the Contract.

By Order of the Board of Supervisors, this the 7th day of June 2021.

John McAdams

Clerk of the Board of Supervisors

Harrison County, Mississippi

By _____

(SEAL)

Publication Dates:

Thursday, June 10, 2021

Thursday, June 17, 2021

END OF SECTION

DOOR HARDWARE SETS

A. Single ASF Door with deadbolt or exit device

Opening #'s 101A, 139A, 139B

2 ea cylinder as required for door and lock operation

All other hardware by ASF supplier.

B. Interior Single Door with Rim Exit Device

Opening #'s 102A, 102B, 107A, 123A

3 ea - hinges, BB, std weight, NRP, 626

1 ea - rim exit device, night latch function, rigid lever trim 630

1 ea - closer, HD PA arm with cushion stop 689

1 ea - kick plate 630

1 ea - wall or floor stop

C. Exterior Single Door with Keyed Lever lock

Opening #'s 118A, 119A, 131A, 147A

3 ea - hinges, BB, std weight, NRP,
630

1 ea - keyed lever mortise lock (storeroom function)

1 ea - closer, HD PA arm with cushion stop 689

1 ea - kick plate 630

1 ea - weatherstripping set Alum

1 ea - door sweep Alum

1 ea - aluminum threshold, outswing

1 ea - rain drip guard

D. Exterior Single Door with Rim Exit Device

Opening #'s 108B, 110B, 113A, 114A, 123B, 127B,

3 ea - hinges, BB, std weight, NRP, 630

1 ea - rim exit device, night latch function, cylinder/pull trim 630

1 ea - closer, HD PA arm with cushion stop and hold-open 689

1 ea - kick plate 630

1 ea - weatherstripping set Alum

1 ea - door sweep Alum

1 ea - aluminum threshold, outswing

1 ea - rain drip 4" wider than frame width

E. Exterior Pair with Vertical Rod Exit Device and Flush bolts

Opening #'s 117A

- 6 ea - hinges, BB, std weight, NRP, 630
- 1 ea - VR exit device, night latch function, keyed lever trim 630
- 1 ea - set flush bolts 630
- 1 ea - closer, HD PA arm with cushion stop 689
- 1 ea - kick plate 630
- 1 ea - weatherstripping set Alum
- 2 ea - door sweep Alum
- 1 ea - aluminum threshold, outswing

F. Interior Single Door with Office Lever Lock

Opening #'s 103A, 104A, 105A, 108A, 130A, 134A, 136A, 137A

- 3 ea - hinges, BB, std weight, 626
- 1 ea - lever cylindrical lock (office function)
- 1 ea - wall or floor stop

G. Interior Single Door with Privacy Lever Lock

Opening #'s 106A, 124A, 129A, 135A, 145A

- 3 ea - hinges, BB, std weight, 626
- 1 ea - lever cylindrical lock (privacy function)
- 1 ea - mop plate 630
- 1 ea - wall or floor stop

H. Interior Single Door with Storeroom Lever Lock

Opening #'s 109A, 120A, 121A, 122A,
125A, 128A, 128B, 132A, 133A,
142A, 143A

- 3 ea - hinges, BB, std weight, 626 (NRP as required)
- 1 ea - keyed lever cylindrical lock (storeroom function)
- 1 ea - closer, 689
- 1 ea - kick plate 630
- 1 ea - wall or floor stop

I. Interior Single Door with Hospital latch

Opening #s 110A

- 3 ea - hinges
- 1 ea – Hospital push/pull latch UL 630
- 1 ea - closer, 689
- 1 ea - kick plate 630
- 1 ea – mop plate
- 1 ea – wall or floor stop

J. Interior Single Door with Office Lever Lock
and closer

Opening #'s 127A

- 3 ea – hinges, BB, std weight, 626
- 1 ea - lever cylindrical lock (office function)
- 1 ea - closer, 689
- 1 ea - kick plate 630
- 1 ea – wall or floor stop

K. Interior Single Door with Push/Pull Plates
and Deadbolt

Opening #s 141A

- 3 ea - hinges
- 1 ea - keyed deadbolt (classroom function with ADA thumb-turn)
- 1 ea - Push and Pull Plate set, HD 1" diameter pull ADA
- 1 ea - closer, 689
- 1 ea - kick plate 630
- 1 ea – mop plate
- 1 ea – wall or floor stop

**SECTION 087100
DOOR HARDWARE**

PART 1 GENERAL

1.01 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. 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
- C. 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.
- D. Allowances
 - 1. Refer to Division 1 for allowance amount and procedures.
- E. Alternates
 - 1. Refer to Division 1 for Alternates and procedures.

1.02 SUBSTITUTIONS:

- A. Comply with Division 1.

1.03 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.

1.04 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.

1.05 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.

1.06 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.

1.07 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.

1.08 OWNER'S INSTRUCTION:

- A. Instruct Owner's personnel in operation and maintenance of hardware units.

1.09 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

2.01 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.
 - a. Manufacturer: Approved Equal:
 - 1) Hager Stanley, McKinney, As Approved
 - 2) Hager Select, Stanley, As Approved
 - 3) Hager Schlage,
 - 4) Hager Von Duprin, Precision
 - 5) Hager LCN, Sargent 351, As Approved
 - 6) Hager Burns, Rockwood, As Approved
 - 7) Hager Burns, Rockwood, As Approved
 - 8) Hager National Guard Pemko, As Approved

2.02 MATERIALS:

- A. Hinges: Shall be Five Knuckle Ball bearing hinges
 - 1. Template screw hole locations
 - 2. Bearings are to be fully hardened.
 - 3. Bearing shell is to be consistent shape with barrel.
 - 4. Minimum of 2 permanently lubricated non-detachable bearings on standard weight hinge and 4 permanently lubricated bearing on heavy weight hinges.
 - 5. Equip with easily seated, non-rising pins.
 - 6. Non Removable Pin screws shall be slotted stainless steel screws.
 - 7. Hinges shall be full polished, front, back and barrel.
 - 8. Hinge pin is to be fully plated.
 - 9. Bearing assembly is to be installed after plating.
 - 10. Sufficient size to allow 180-degree swing of door
 - 11. Furnish five knuckles with flush ball bearings
 - 12. Provide hinge type as listed in schedule.
 - 13. Furnish 3 hinges per leaf to 7 foot 6 inch height. Add one for each additional 30 inches in height or fraction thereof.
 - 14. Tested and approved by BHMA for all applicable ANSI Standards for type, size, function and finish
 - 15. 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: Schlage, Grade 1
 - 1. Tested and approved by BHMA for ANSI A156.2, Operational Grade 1, Extra-Heavy Duty, and be UL10C listed.
 - 2. Provide 9001-Quality Management and 14001-Environmental Management.
 - 3. Fit modified ANSI A115.2 door preparation.
 - 4. Locksets to be of the same manufacturer to maintain complete lockset warranty
 - 5. Locksets to have anti-rotational studs that are thru-bolted

6. Keyed lever shall not have exposed "keeper" hole
 7. Each lever to have independent spring mechanism controlling it
 8. 2-3/4 inch (70 mm) backset
 9. 9/16 inch (14 mm) throw latchbolt
 10. Provide sufficient curved strike lip to protect door trim
 11. Outside lever sleeve to be seamless, of one-piece construction made of a hardened steel alloy
 12. Hub, side plate, shrouded rose, locking pin to be a one-piece casting with a shrouded locking lug.
 13. 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 inside lever will still operate lockset.
 14. Functions and design as indicated in the hardware groups.
 15. Finish is to be 626 on interior openings, 630 on exterior
- D. Exit Devices:
1. Fire Rated Doors:
 - a. Manufacturer: Von Duprin 98/99 series or approved equal – Grade 1
 - b. Finish: 630 (US32D Satin Stainless Steel)
 2. All Other Doors:
 - a. Exit devices to meet or exceed BHMA for ANSI 156.3, Grade 1.
 - b. Exit devices to be tested and certified by UL or by a recognized independent laboratory for mechanical operational testing to 10 million cycles minimum with inspection confirming Grade 1 Loaded Forces have been maintained.
 - c. Exit devices chassis to be investment cast steel, zinc dichromate.
 - d. Exit devices to have stainless steel deadlocking 3/4" through latch bolt.
 - e. Exit devices to be equipped with sound dampening on touchbar.
 - f. Non-fire rated exit devices to have cylinder dogging.
 - g. Non-fire rated exit devices to have 1/4" minimum turn hex key dogging.
 - h. Touchpad to be "T" style constructed of architectural metal with matching metal end caps.
 - i. Touchbar assembly on wide style exit devices to have a 1/4" clearance to allow for vision frames.
 - j. All exposed exit device components to be of architectural metals and "true" architectural finishes.
 - k. Provide strikes as required by application.
 - l. Fire exit hardware to conform to UL10C and UBC 7-2. UL tested for Accident Hazard.
 - m. Exit device to be heavy investment cast stainless steel. The strike is to be black powder coated finish.
 - n. Exit devices to have field reversible handing.
 - o. 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 latch sets.
 - p. Provide 9001-Quality Management and 14001-Environmental Management.
 - q. Vertical Latch Assemblies to have gravity operation, no springs.
- E. Cylinders: Schlage SC1 standard 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.
 4. Door Closers:

- a. Manufacturer: LCN
 - b. Tested and approved by BHMA for ANSI 156.4, Grade 1
 - c. UL10C certified
 - d. Provide 9001-Quality Management and 14001-Environmental Management.
 - e. Closer shall have extra-duty arms and knuckles
 - f. Conform to ANSI 117.1
 - g. Maximum 2 7/16 inch case projection with non-ferrous cover
 - h. Separate adjusting valves for closing and latching speed, and backcheck
 - i. Provide adapter plates, shim spacers and blade stop spacers as required by frame and door conditions
 - j. Full rack and pinion type closer with 1½" minimum bore
 - k. Mount closers on non-public side of door, unless otherwise noted in specification
 - l. Closers shall be non-handed and multi-sized.
- F. Door Stops: Provide a dome floor or wall stop for every opening as listed in the hardware sets.
1. Wall stop and floor stop shall be wrought bronze, brass or stainless steel as appropriate for door location and conditions.
 2. Provide fastener suitable for wall or floor construction.
 3. Coordinate reinforcement of walls where wall stop is specified.
 4. Provide dome stops where wall stops are not practical. Provide spacers or carpet riser for floor conditions encountered.
- G. 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.
- H. 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.
- I. 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 (Neoprene, Polyurethane, Vinyl, Pile, Nylon Brush, Silicone)
 2. UL10C Positive Pressure rated seal set when required.
- J. Door Bottoms/Sweeps: Surface mounted or concealed door bottom where listed in the hardware sets.
1. Door seal shall be resilient seal of (Neoprene, Polyurethane, Nylon Brush, Silicone)
 2. UL10C Positive Pressure rated seal set when required.
- K. Thresholds: Latching Panic Thresholds shall be 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.
- L. Silencers: Furnish silencers on all interior frames, 3 for single doors, 2 for pairs. Omit where any type of seals occur.

2.03 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.

2.04 KEYS AND KEYING:

- A. Schlage standard cylinders – SC1

PART 3 EXECUTION

3.01 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.

3.02 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.

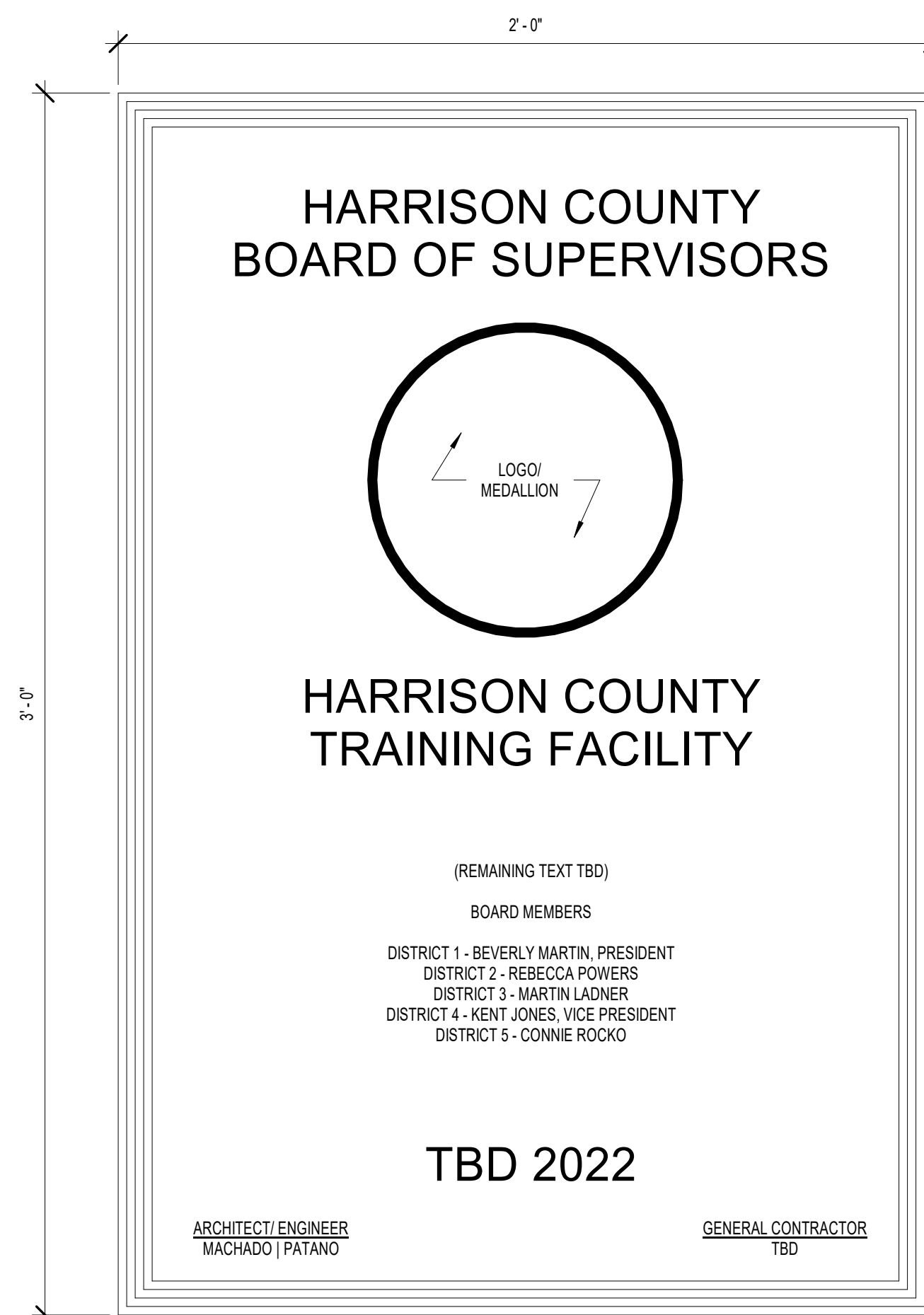
3.03 INSTALLATION:

- 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.

3.04 FIELD QUALITY CONTROL AND FINAL ADJUSTMENT

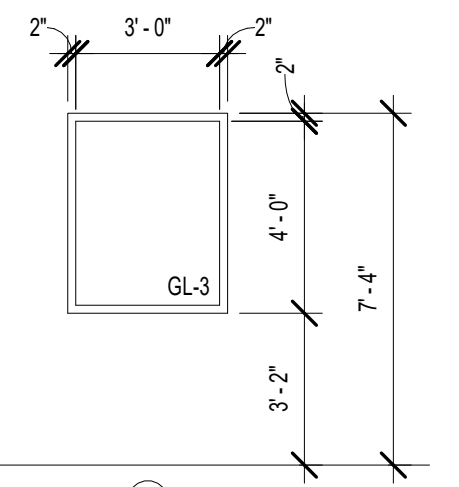
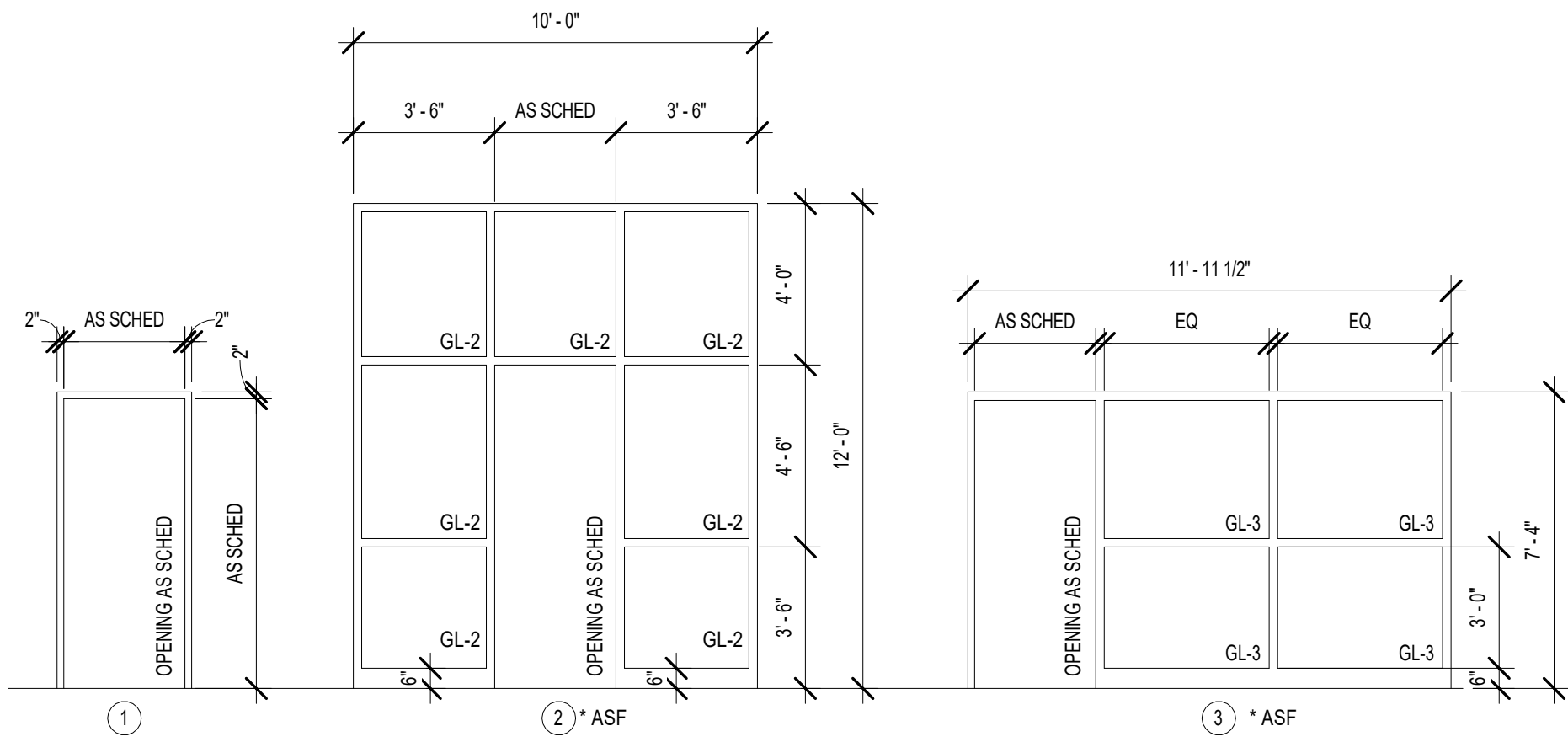
- A. Contractor/Installers, Field Services: After installation is complete, contractor shall inspect the completed door openings on site to verify installation of hardware is complete and properly adjusted, in accordance with both the Contract Documents and final shop drawings.
 - 1. Check and adjust 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.

END OF SECTION

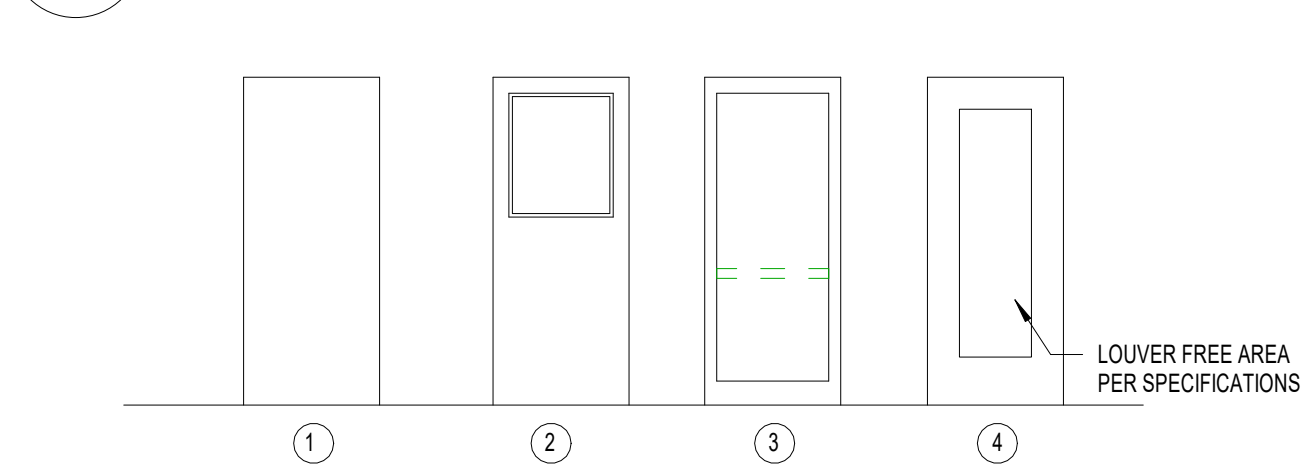


VERIFY SCALES
IS ONE INCH ON ORIGINAL DRAWING
————— 1"
AT ONE INCH ON THIS SHEET, ADJUST
SCALES ACCORDINGLY

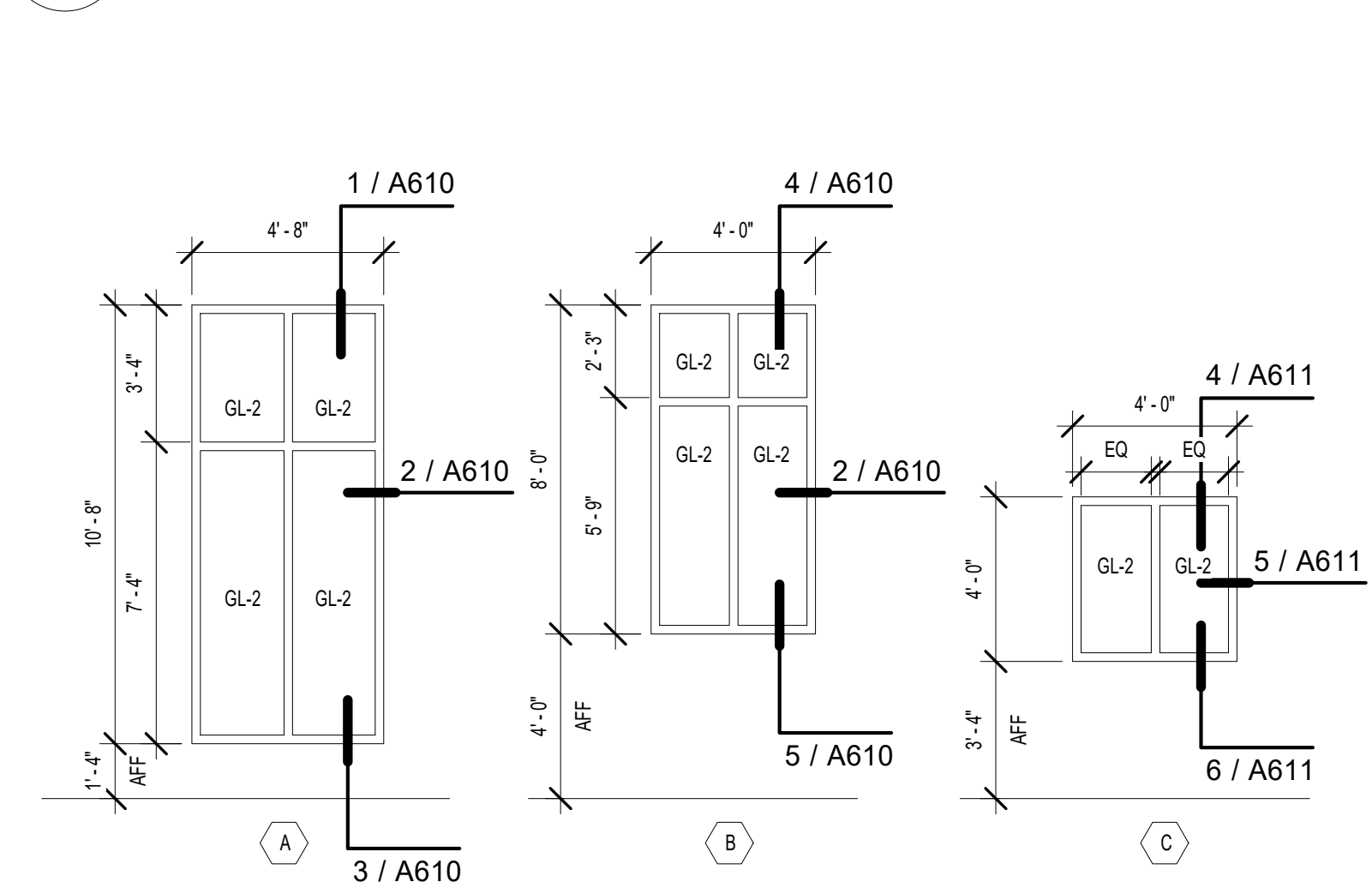
924: 25354#53<#D P



1
A602
1/4" = 1'-0"



2
A602
1/4" = 1'-0"



3
A602
1/4" = 1'-0"

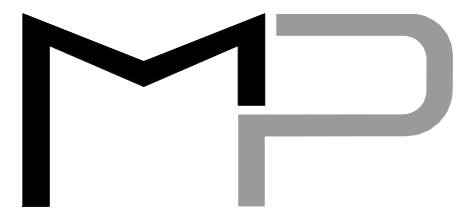
OPENINGS SCHEDULE																
DOOR NO.	DOOR						FRAME						RATING	REMARKS	DOOR NO.	
	SINGLE /PAIR	W	H	TYPE	MTL	GLAS S	MTL	TYPE	GLASS	HEAD	JAMB	SILL				
101A	S	3' - 0"	8' - 0"	3	ASF	GL-1	ASF	2	GL-2	6/A610	7/A610	8/A610	---		101A	
102A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		102A	
102B	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		102B	
103A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		103A	
104A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		104A	
105A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		105A	
106A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		106A	
107A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	45 MIN		107A	
107B	S	3' - 0"	7' - 0"	---	---	---	HM	1	---	9/A610	10/A610	---	---	A	107B	
108A	S	3' - 0"	7' - 0"	2	WD	GL-3	HM	1	---	9/A610	10/A610	---	---		108A	
108B	S	3' - 0"	7' - 0"	2	GHM	GL-1	GHM	1	---	1/A611	2/A611	3/A611	---		108B	
109A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		109A	
110A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	45 MIN		110A	
110B	S	3' - 0"	7' - 0"	1	GHM	---	GHM	1	---	1/A611	2/A611	3/A611	---		110B	
110C	S	4' - 0"	7' - 2"	---	---	---	HM	1	---	9/A610	10/A610	---	---	A	110C	
113A	S	3' - 6"	7' - 2"	1	GHM	---	GHM	1	---	1/A611	2/A611	3/A611	---		113A	
114A	S	3' - 0"	7' - 0"	1	GHM	---	GHM	1	---	1/A611	2/A611	3/A611	---		114A	
114B	S	3' - 0"	7' - 2"	---	---	---	HM	1	---	9/A610	10/A610	---	---	A	114B	
117A	P	6' - 0"	7' - 2"	1	GHM	---	GHM	1	---	1/A611	2/A611	3/A611	---		117A	
118A	S	3' - 0"	7' - 0"	1	GHM	---	GHM	1	---	1/A611	2/A611	3/A611	---		118A	
119A	S	3' - 6"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		119A	
119A	S	3' - 0"	7' - 0"	4	GHM	---	GHM	1	---	1/A611	2/A611	3/A611	---		119A	
120A	S	3' - 0"	7' - 2"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		120A	
121A	S	3' - 0"	7' - 2"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		121A	
122A	S	3' - 0"	7' - 2"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		122A	
123A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	45 MIN		123A	
123B	S	3' - 0"	7' - 0"	1	GHM	---	GHM	1	---	1/A611	2/A611	3/A611	---		123B	
124A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		124A	
125A	S	3' - 0"	7' - 2"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		125A	
127A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	45 MIN		127A	
127B	S	3' - 0"	7' - 0"	1	GHM	---	GHM	1	---	1/A611	2/A611	3/A611	---		127B	
128A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		128A	
128B	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		128B	
129A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		129A	
130A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		130A	
130B	---	3' - 0"	4' - 0"	---	---	---	HM	4	GL-3	9/A610	10/A610	9/A610 SIM	---		130B	
130C	---	3' - 0"	4' - 0"	---	---	---	HM	4	GL-3	9/A610	10/A610	9/A610 SIM	---		130C	
131A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		131A	
132A	S	3' - 0"	7' - 2"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		132A	
133A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		133A	
134A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		134A	
135A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		135A	
136A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		136A	
137A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		137A	
139A	S	3' - 0"	6' - 11"	3	ASF	GL-3	ASF	3	GL-3	11/A610	12/A610	---	---		139A	
139B	S	3' - 0"	6' - 11"	3	ASF	GL-3	ASF	3	GL-3	11/A610	12/A610	---	---		139B	
141A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		141A	
142A	S	3' - 0"	7' - 2"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		142A	
143A	S	3' - 6"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		143A	
145A	S	3' - 0"	7' - 0"	1	WD	---	HM	1	---	9/A610	10/A610	---	---		145A	
147A	S	3' - 0"	7' - 0"	1	GHM	---	GHM	1	---	1/A611	2/A611	3/A611	---		147A	

OPENING SCHED REMARKS

A. THIS OPENING IS A CASED OPENING. HEAD AND JAMB DETAIL REFERENCED ARE SIMILAR. THERE IS NO RABBIT AT THE CASED OPENINGS.

GLAZING TYPES

GL 1 SOLAR CONTROL LAMINATED COATED GLAZING
APPLICATION: EXTERIOR DOOR GLAZING
GL 2 SOLAR CONTROL INSULATED LAMINATED COATED GLAZING (DARK):
APPLICATION: EXTERIOR OPENING FRAME GLAZING
GL-3 CLEAR SAFETY GLAZING:
APPLICATION: INTERIOR CONTROL ROOM WINDOWS



MACHADO PATANO

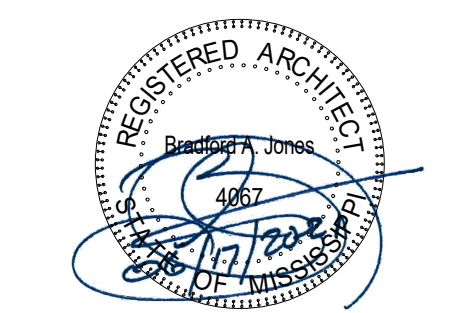
ENGINEERING

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FAX: 228.388.1971
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MIP DESIGN GROUP

ARCHITECTURE

Bradford A. Jones, Architect



HARRISON COUNTY LAW
ENFORCEMENT TRAINING ACADEMY
HARRISON COUNTY BOARD OF
SUPERVISORS
JAMES BOND ROAD

SCALE: AS INDICATED
PROJECT NO: 0047.17.001
DRAWN BY: VJH,
CHECKED BY:BAJ

OPENING SCHEDULE

NO.	DATE	REVISION / SUBMITTAL
REV 0	06.10.21	ISSUED FOR CONSTRUCTION
REV 1	06.18.21	ADDENDUM #01

A602

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
1"
IF NOT ONE INCH ON THIS SHEET, ADJUST
SCALES ACCORDINGLY