

ADDENDUM NO. 1

EL PASO COUNTY ESD #2 INTERIOR BUILDING REMODEL

16001 Socorro Road
Fabens, Texas 79838

**FOR
EL PASO COUNTY ESD #2**



DATE: 08/20/2021

**MIJARES-MORA ARCHITECTS, INC.
111 N. FESTIVAL DRIVE
EL PASO, TEXAS
(915) 542-1591**

August 20, 2021

GENERAL

1. The following changes and/or additions to the Contract Documents shall apply to proposals made for and to the execution of the various parts of the work affected hereby.
2. Careful note of the Addendum shall be taken by all interested parties and all trades affected shall be fully advised in their performance of the work involved.

TECHNICAL SPECIFICATIONS

1. Specification Section 08 71 00 – DOOR HARDWARE

- a. Add specification section 08 71 00 – DOOR HARDWARE attached herein.

CONSTRUCTION DOCUMENTS

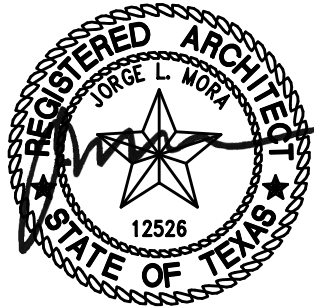
1. Drawing A2.1 – PARTIAL FLOOR PLAN, WALL TYPES & SCHEDULES

- a. Revised DOOR SCHEDULE Hardware Set as indicated by clouded area on attached ADD #1 A2.1 dated August 20, 2021 attached herein.

2. Drawing E3.0 – SPECIAL SYSTEMS PLAN & HVAC POWER PLAN

- a. Revised SOUND SYSTEM NOTE as indicated by clouded area on attached ADD #1 E3.0 dated August 20, 2021 attached herein.

END OF ADDENDUM NO. 1

DATE: 08/20/2021

SECTION 08 71 00 – DOOR HARDWARE

PART 1 - GENERAL

1.01 SUMMARY

- A. Section includes: Mechanical and electrified door hardware
- B. Related Sections:
 - 1. Division 01 Section "Alternates" for alternates affecting this section.
 - 2. Division 06 Section "Rough Carpentry"
 - 3. Division 06 Section "Finish Carpentry"
 - 4. Division 08 sections for doors and frames with hardware specified in this section.

1.02 REFERENCES

- A. UL - Underwriters Laboratories
 - 1. UL 10B - Fire Test of Door Assemblies
 - 2. UL 10C - Positive Pressure Test of Fire Door Assemblies
 - 3. UL 1784 - Air Leakage Tests of Door Assemblies
 - 4. UL 305 - Panic Hardware
- B. DHI - Door and Hardware Institute
 - 1. Sequence and Format for the Hardware Schedule
 - 2. Recommended Locations for Builders Hardware
 - 3. Keying Systems and Nomenclature
 - 4. Installation Guide for Doors and Hardware
- C. NFPA – National Fire Protection Association
 - 1. NFPA 70 – National Electric Code
 - 2. NFPA 80 – 2016 Edition – Standard for Fire Doors and Other Opening Protectives
 - 3. NFPA 101 – Life Safety Code
 - 4. NFPA 105 – Smoke and Draft Control Door Assemblies

5. NFPA 252 – Fire Tests of Door Assemblies

D. ANSI - American National Standards Institute

1. ANSI A117.1 – 2017 Edition – Accessible and Usable Buildings and Facilities
2. ANSI/BHMA A156.1 - A156.29, and ANSI/BHMA A156.31 - Standards for Hardware and Specialties
3. ANSI/BHMA A156.28 - Recommended Practices for Keying Systems
4. ANSI/WDMA I.S. 1A - Interior Architectural Wood Flush Doors
5. ANSI/SDI A250.8 - Standard Steel Doors and Frames

1.03 SUBMITTALS

A. Submit in accordance with Conditions of Contract and Division 01 Submittal Procedures.

1. Product Data: Submit technical product data for each item of door hardware, installation instructions, maintenance of operating parts and finish, and other information necessary to show compliance with requirements.
2. Riser and Wiring Diagrams: After final approval of hardware schedule, submit details of electrified door hardware, indicating:
3. Door Hardware Schedule: Submit with hardware sets in vertical format as illustrated by Sequence of Format for the Hardware Schedule published by DHI. Indicate complete designations of each item required for each door or opening, include all notes and operational descriptions from hardware groups.
4. Key Schedule: After Keying Conference, provide keying schedule that includes levels of keying, explanations of key system's function, key symbols used, and door numbers controlled. Use ANSI/BHMA A156.28 "Recommended Practices for Keying Systems" as guideline for nomenclature, definitions, and approach for selecting optimal keying system.
5. Templates: After final approval of hardware schedule, provide for doors, frames and other work specified to be factory or shop prepared for door hardware installation.

1.04 QUALITY ASSURANCE

A. Qualifications:

1. Supplier: Recognized architectural hardware supplier with record of successful in-service performance for supplying door hardware similar in quantity, type, and quality to that indicated for this Project.
2. Installer: Qualified tradesperson skilled in the application of commercial grade hardware with experience installing door hardware similar in quantity, type, and quality as indicated for this Project.

B. Certifications:

1. Fire-Rated Door Openings: Provide door hardware for fire-rated openings that complies with NFPA 80, UL 10C, and requirements of authorities having jurisdiction.

2. Smoke and Draft Control Door Assemblies: Provide door hardware that meets requirements of assemblies tested according to UL 1784 and NFPA 105.
3. Accessibility Requirements: This project must comply with all Federal Americans with Disability Act regulations and all Local Accessibility Regulations.

C. Pre-Installation Meetings

1. Keying Conference: Incorporate keying conference decisions into final keying schedule after reviewing door hardware keying system including:

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Inventory door hardware on receipt and provide secure lock-up for hardware delivered to Project site. Promptly replace products damaged during shipping. Deliver keys to manufacturer of key control system for subsequent delivery to Owner
- B. Handle hardware in manner to avoid damage, marring, or scratching. Correct, replace or repair products damaged during Work. Protect products against malfunction due to paint, solvent, cleanser, or any chemical agent. Maintain manufacturer-recommended environmental conditions throughout storage and installation periods.

1.06 COORDINATION

- A. Installation Templates: Distribute for doors, frames, and other work specified to be factory or shop prepared. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Provide products from manufacturers listed in hardware groups. Additional alternate products require prior written approval from Owner and are contingent upon those products providing all functions, features, and meeting all requirements of scheduled manufacturer's product.

2.02 MATERIALS

- A. Provide hardware with options specified in the hardware sets, fasteners provided by hardware manufacturer, strikes provided by hardware manufacturer, drop plates, special templates, and other devices necessary for proper hardware installation.
- B. Provide necessary fillers, Dutchmen, reinforcements, and fasteners, compatible with existing materials, as required for mounting new opening hardware and to cover

existing door and frame preparations. When modifying existing fire-rated openings, provide materials permitted by NFPA 80 as required to maintain fire-rating.

2.03 HINGES: IVES 5BB SERIES

- A. Provide 5-knuckle plain bearing hinges conforming to ANSI/BHMA A156.1. Provide hinges in the size, quantity, weight, and base metal according to manufacturer's published recommendations. Provide non-removable pins at out-swinging lockable doors. Adjust hinge width as required for door, frame, and wall conditions to allow proper degree of opening.

2.04 CYLINDRICAL LOCKS: SCHLAGE ND SERIES

- A. Provide cylindrical locks conforming to ANSI/BHMA A156.2 Series 4000, Grade 1, and UL Listed for 3-hour fire doors. Provide locksets with separate anti-rotation thru-bolts, and no exposed screws.

2.05 EXIT DEVICES: VON DUPRIN 99/33A SERIES

- A. Provide grooved touchpad exit devices tested to ANSI/BHMA A156.3 Grade 1 and UL listed for Panic Exit or Fire Exit Hardware. Touchpad must extend a minimum of one half of door width. Provide exit devices cut to door width and height with flush end caps. Install exit devices at height recommended by exit device manufacturer, allowable by governing building codes, and approved by Architect. Mount mechanism case flush on face of doors or provide spacers to fill gaps behind devices. Provide exit devices with optional trim designs to match other lever and pull designs used on the project.

2.06 KEYING:

- A. Provide cylinders/cores keyed into Owner's existing keying system. Comply with guidelines in ANSI/BHMA A156.28, incorporating decisions made at keying conference.

2.07 SURFACE CLOSERS: LCN 4010/4110/4020 SERIES

- A. Provide cast iron door closers conforming to ANSI/BHMA A156.4 Grade 1 requirements by BHMA certified independent testing laboratory. Certify surface mounted mechanical closers to meet fifteen million (15,000,000) full load cycles.

2.08 DOOR TRIM: IVES

- A. Provide push plates, push bars, pull plates, pulls, and hands-free reversible door pulls with diameter and length as scheduled.

2.09 PROTECTION PLATES: IVES

- A. Provide protection plates with beveled four edges as scheduled. Size plates 2 inches (51 mm) less width of door on single doors, pairs of doors with a mullion, and doors with edge guards. Size plates 1 inch (25 mm) less width of door on pairs without a mullion or edge guards. At fire rated doors, provide protection plates over 16 inches high with UL label.

2.10 DOOR STOPS AND HOLDERS: IVES

- A. Provide door stops at each door leaf. Provide wall stops wherever possible. Provide concave type where lockset has a push button or thumbturn. Where a wall stop cannot be used, provide universal floor stops. Where wall or floor stop cannot be used, provide overhead stop. Provide roller bumper where doors open into each other and overhead stop cannot be used.

2.11 THRESHOLDS, WEATHERSTRIPPING, AND GASKETING: ZERO INTERNATIONAL

- A. Provide thresholds, weather-stripping, and gasketing systems as specified and per architectural details. Match finish of other items. Where smoke- and draft-control door assemblies are required, provide door hardware that meets requirements of assemblies tested according to UL 1784 and installed in compliance with NFPA 105.

2.12 SILENCERS: IVES

- A. Provide "push-in" type silencers for hollow metal or wood frames. Provide one silencer per 30 inches (762 mm) of height on each single frame, and two for each pair frame. Omit where gasketing is specified.

2.13 FINISHES

- A. Provide hardware with finishes as indicated in hardware sets.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Prior to installation of hardware, examine doors and frames, with Installer present, for compliance with requirements for installation tolerances, labeled fire-rated door assembly construction, wall and floor construction, and other conditions affecting performance. Verify doors, frames, and walls have been properly reinforced for hardware installation. Examine roughing-in for electrical power systems to verify actual locations of wiring connections before electrified door hardware installation. Submit a list of deficiencies in writing and proceed with installation only after unsatisfactory conditions have been corrected.

3.02 PREPARATION

- A. Where on-site modification of doors and frames is required, prepare hardware locations and reinstall in accordance with installation requirements for new door hardware and with:
 - 1. Steel Doors and Frames: For surface applied door hardware, drill and tap doors and frames according to ANSI/SDI A250.6.
 - 2. Wood Doors: DHI WDHS.5 "Recommended Hardware Reinforcement Locations for Mineral Core Wood Flush Doors."
 - 3. Doors in rated assemblies: NFPA 80 for restrictions on on-site door hardware preparation.

3.03 INSTALLATION

- A. Mount door hardware units at heights to comply with the following, unless otherwise indicated or required to comply with governing regulations.
 - 1. Standard Steel Doors and Frames: ANSI/SDI A250.8.
 - 2. Custom Steel Doors and Frames: HMMA 831.
 - 3. Interior Architectural Wood Flush Doors: ANSI/WDMA I.S. 1A
 - 4. Installation Guide for Doors and Hardware: DHI TDH-007-20
- B. Install hardware in compliance with manufacturer's instructions and recommendations, using only fasteners provided by manufacturer. Set units level, plumb and true to line and location. Adjust and reinforce attachment substrate as necessary for proper installation and operation.
- C. Door Closers: Mount closers on room side of corridor doors, inside of exterior doors, and stair side of stairway doors from corridors. Mount closers so they are not visible in corridors, lobbies and other public spaces unless approved by Architect.
- D. Stops: Do not mount floor stops where they may impede traffic or present tripping hazard.

3.04 FIELD QUALITY CONTROL

- A. Provide functional testing and inspection of fire door assemblies and required egress door assemblies by a qualified person in accordance with NFPA 80 and NFPA 101.
- B. Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.
- C. Clean adjacent surfaces soiled by door hardware installation. Clean operating items per manufacturer's instructions to restore proper function and finish. Provide final protection and maintain conditions that ensure door hardware is without damage or deterioration at time of Substantial Completion.

3.05 DOOR HARDWARE SCHEDULE

- A. The intent of the hardware specification is to specify the hardware for interior and exterior doors, and to establish a type, continuity, and standard of quality. However, it is the door hardware supplier's responsibility to thoroughly review existing conditions, schedules, specifications, drawings, and other Contract Documents to verify the suitability of the hardware specified.
- B. Discrepancies, conflicting hardware, and missing items are to be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application.
- C. Hardware items are referenced in the following hardware schedule. Refer to the above specifications for special features, options, cylinders/keying, and other requirements.
- D. Hardware Sets:











Abbreviation	Name
ASA	Assa High Security Locks
IVE	H.B. Ives
LCN	LCN Commercial Division
SCH	Schlage Lock Company
VON	Von Duprin
ZER	Zero International Inc

HARDWARE SET: 01

DOOR NUMBER:

01 02

EACH TO HAVE:






3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP		652	IVE
1	EA	PANIC HARDWARE	99-L-06		626	VON
1	EA	RIM HOUSING	20-079		626	SCH
1	EA	FSIC CYLINDER	81060IC		626	ASA
1	EA	SURFACE CLOSER	4111 SCUSH		689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS		630	IVE
1	EA	RAIN DRIP	142A X D.W. +4"		AA	ZER
1	SET	SEALS	8303AA X D.S.		AA	ZER
1	EA	DOOR SWEEP	39A X D.W.		A	ZER
1	EA	THRESHOLD	8655A X D.W.		A	ZER

HARDWARE SET: 02

DOOR NUMBER:

03

EACH TO HAVE:






3	EA	HINGE	5BB1 4.5 X 4.5		652	IVE
1	EA	CLASSROOM LOCK	ND70JD RHO		626	SCH
1	EA	FSIC CYLINDER	81060IC		626	ASA
1	EA	WALL STOP	WS406/407CVX		630	IVE
3	EA	SILENCER	SR64		GRY	IVE

HARDWARE SET: 03

DOOR NUMBER:

04

EACH TO HAVE:








3	EA	HINGE	5BB1 4.5 X 4.5		652	IVE
1	EA	STOREROOM LOCK	ND80JD RHO		626	SCH
1	EA	FSIC CYLINDER	81060IC		626	ASA
1	EA	WALL STOP	WS406/407CVX		630	IVE
3	EA	SILENCER	SR64		GRY	IVE

HARDWARE SET: 04

DOOR NUMBER:

05 06

EACH TO HAVE:

3	EA	HINGE	5BB1HW 4.5 X 4.5		652	IVE
1	EA	PUSH PLATE	8200 4" X 16"		630	IVE
1	EA	PULL PLATE	8302 6" 4" X 16"		630	IVE
1	EA	SURFACE CLOSER	4011		689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS		630	IVE
1	EA	WALL STOP	WS406/407CVX		630	IVE
3	EA	SILENCER	SR64		GRY	IVE

END OF SECTION


1

DOOR SCHEDULE															
MARK	ROOM	SIZE			TYPE	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	DETAILS			THRESH	H.W. SET	REMARKS SEE KEYED NOTES
		W	H	THK						HEAD	JAMB	JAMB			
1	A100	3'-0"	7'-0"	1-3/4"	A	H.M.	P	HM	P	06/A2.1	07/A2.1	07/A2.1	14/A2.1	01	
2	A100	3'-0"	7'-0"	1-3/4"	A	H.M.	P	HM	P	06/A2.1	07/A2.1	11/A2.1	14/A2.1	01	
3	A102	3'-0"	7'-0"	1-3/4"	A	S.C. WOOD	FAC-ST	HM	P	08/A2.1	09/A2.1	09/A2.1		02	
4	A103	3'-0"	7'-0"	1-3/4"	A	S.C. WOOD	FAC-ST	HM	P	08/A2.1	09/A2.1	09/A2.1		03	
5	A105	3'-0"	7'-0"	1-3/4"	A	S.C. WOOD	FAC-ST	HM	P	06/A2.1	07/A2.1	07/A2.1		04	
6	A106	3'-0"	7'-0"	1-3/4"	A	S.C. WOOD	FAC-ST	HM	P	06/A2.1	07/A2.1	07/A2.1		04	

ABBREVIATIONS H.M. HOLLOW METAL P: PAINT AS SPECIFIED
 FAC-ST: FACTORY STAIN AND FINISH AS SPECIFIED S.C. WOOD: SOLID CORE WOOD



DATE: 08/20/2021

MMA PROJ. No. 1906		PROJECT NAME EL PASO COUNTY ESD #2 INTERIOR BUILDING REMODEL	mijares • mora ARCHITECTS INC. <small>111 N. FESTIVAL EL PASO, TEXAS 79912 915-542-1591</small>	DATE: 08.20.2021
OWNER FILE No.				ADDENDUM No. 1
SHEET REF: A2.1	16001 SOCORRO ROAD	FABENS, TEXAS 79838		SHEET: A2.1

SOUND SYSTEM NOTE:

- A. THE DISTRIBUTOR OF THE SOUND SYSTEM THAT IS SPECIFIED ON THESE PLANS IS PROVIDEO & SOUND (DAN BORRELLI @ (512) 925.8621). SOUND SYSTEM INSTALLER MAY BUY THE SOUND SYSTEM EQUIPMENT FROM A DIFFERENT AUTHORIZED SOUND SYSTEM DISTRIBUTOR. HOWEVER, SOUND SYSTEM EQUIPMENT MUST BE AS SPECIFIED ON PLANS. SOUND SYSTEM INSTALLER MUST PROVIDE AND INSTALL A COMPLETE FUNCTIONAL SOUND SYSTEM THAT INCLUDES MICROPHONES, AMPLIFIER, SPEAKERS, WIRING, SIGNAL PROCESSOR, IPAD FOR VOLUME CONTROLS ETC. PROVIDE ALL MATERIALS AND EQUIPMENT NECESSARY FOR A COMPLETE FUNCTIONAL SOUND SYSTEM. ALL NEW SOUND SYSTEM WIRING MUST BE INSTALLED IN CONDUIT. SOUND SYSTEM INSTALLER MUST TEST THE SOUND SYSTEM IN THE PRESENCE OF BUILDING PERSONNEL. SOUND SYSTEM INSTALLER MUST PROVIDE 2 HOURS OF TRAINING SESSION AT THE OWNER'S CONVENIENT SCHEDULE. COORDINATE WITH OWNER FOR EXACT TIME AND DAY OF TRAINING SESSION.

1



= INDICATES CHANGES

ADD#1 NOTES:

1 REVISED SOUND SYSTEM GENERAL NOTE



Date: 8-20-2021
Project No: P2101
ATTACH TO SHEET: E3.0
SUPPLEMENTAL DRAWING: 1

ADD #1

ATTACH TO SHEET: E3.0