

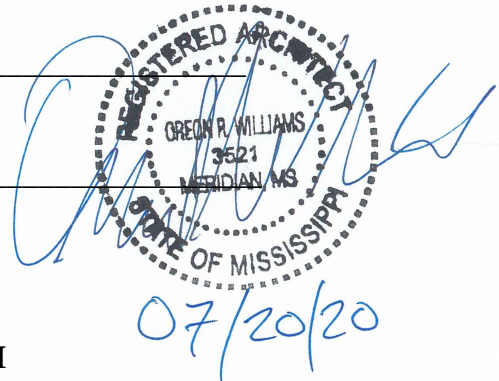
ADDENDUM NO. 1

THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AND HEREBY MODIFIES THE ORIGINAL CONSTRUCTION DOCUMENTS DATED APRIL 2, 2020 RESPECTIVELY.

NAME OF COMPANY

BY

PROJECT MANUAL



Item #1 SECTION 00300 – PROPOSAL FROM

ADD: 365 to the blank space provided for consecutive calendar days to complete the work.

CLARIFICATION: The work performed under this contract must be substantially complete within 365 calendar days.

Item #2 SECTION 00500 – STANDARD FORM OF AGREEMENT BETWEEN THE OWNER AND THE CONTRACTOR

ADD: At part 2.2.1 insert \$500.00 in the blank space provided for the amount of liquated damages.

CLARIFICATION: The amount established per day for liquidated damages on this project is \$500.00.

Item #3 SECTION 087100 – DOOR HARDWARE

REPLACE: This section in its entirety with the attached section dated July 20, 2020.

Item #4 SECTION 095113 – ACOUSTICAL PANEL CEILINGS

ADD: The attached section 095113 dated July 20, 2020.

END OF ADDENDUM NO. 1

SECTION 087100 – DOOR HARDWARE

PART 1 - GENERAL

1.01 SUMMARY:

- A. Section Includes: Finish hardware except as otherwise specified or specifically omitted herein.
- B. Related Sections:
 - 2. Section 081113 – Hollow Metal Doors & Frames.
 - 3. Section 081416 – Flush Wood Doors
 - 4. Section 084113 – Aluminum-Framed Entrances and Storefronts
- C. Specific Omissions: Hardware for the following is specified or indicated elsewhere.
 - 1. Windows
 - 2. Cabinets of all kinds, including open wall shelving and locks.
 - 3. Signs, except as noted.
 - 4. Toilet accessories of all kinds including grab bars.
 - 5. Installation.
 - 6. Rough hardware.
 - 7. Folding partitions, except cylinders where detailed.
 - 8. Sliding aluminum doors.
 - 9. Angle sill threshold.
 - 10. Corner guards.

1.02 SUBSTITUTIONS & SUBMITTALS:

- A. Requests for substitutions will not be considered until after the contract for construction has been awarded.
- B. SUBMITTALS: Submit six copies of schedule at earliest possible date prior to delivery of hardware. Organize schedule into "Hardware Sets" with an index of doors and heading, indicating complete designations of every item required for each door or opening. Include the following information:
 - 1. Type, style, function, size, quantity and finish of each hardware item.
 - 2. Name, part number and manufacturer of each item.
 - 3. Fastenings and other pertinent information.
 - 4. Location of hardware set cross referenced to indications on drawings both on floor plans and in door schedule.
 - 5. Explanation of all abbreviations, symbols, and codes contained in schedule.
 - 6. Mounting locations for hardware.
 - 7. Door and frame sizes and materials.
 - 8. Submit manufacture's technical data and installation instructions for the electronic hardware.
 - 9. Catalog cuts.

- C. Templates: Where required, furnish hardware templates to each fabricator of doors, frames and other work to be factory-prepared for the installation of hardware.

1.03 QUALITY ASSURANCE:

A. Qualifications:

1. Obtain each kind of hardware (latch and locksets, exit devices, hinges, and closers) from only one manufacturer, although several may be indicated as offering products complying with requirements.
2. Hardware supplier shall be a direct factory contract supplier who has in his employment a certified hardware consultant (AHC) who is available at all reasonable times during the course of the Work, and for project hardware consultation to the Owner, Architect, and Contractor.

- B. Schedule Designations: Except as otherwise indicated, the use of one manufacturer's numeric designation system in schedules does not imply that another manufacturer's products will not be acceptable, unless they are not equal in design, size, weight, finish function, or other quality of significance. See 1.02 A for substitutions.

- C. Exit Doors: Openable at all times from the inside without the use of a key or any special knowledge or effort.

- D. Fire-rated openings: Provide hardware for fire-rated openings in compliance with NFPA Standard No. 80. This requirement takes precedence over other requirements for such hardware. Provide only such hardware which has been tested and listed by UL for the type and size of door required, and complies with the requirements of the door and the door frame labels. Latching hardware, door closers, ball bearing hinges, and seals are required whether or not listed in the Hardware schedule.

1. Where panic exit devices are required on fire-rated doors, provide supplementary marking on door UL label on exit device indicating "Fire Exit Hardware".

- E. Electronic Security Hardware: Coordinate installation of the electronic security with the Architect and provide installation and technical data to the Architect and other related sub-contractor(s). Upon completion of the electronic security hardware installation, verify that all components are working properly and state in the required guarantee that this inspection has been performed.

1.04 DELIVERY, STORAGE, AND HANDLING:

- A. Acceptance at the Site: Individually package each unit of finish hardware complete with proper fastening and appurtenances, clearly marked on the outside to indicate contents and specific locations in the Work.

- B. Deliver packaged hardware items at the times and to the locations (shop or field) for installation, as directed by the Contractor.

1.05 PROJECT CONDITIONS:

- A. Coordination: 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. Upon request, check the Shop Drawings for doors and entrances to confirm that adequate provisions will be made for the proper installation of hardware.

1.06 WARRANTY:

- A. Provide guarantee from hardware supplier as follows:
 - 1. Closers: Thirty years;
 - 1. Auto Operators: Two Years
 - 2. Exit Devices & Locksets: Three years
 - 3. All other Hardware: Two years.

PART 2 - PRODUCTS

2.01 MANUFACTURERS:

- A. Approval of manufacturers other than those listed shall be in accordance with paragraph 1.02 A.

1.02 A.

<u>Item:</u>	<u>Manufacturer:</u>	<u>Approved:</u>	<u>Approved</u>
Hinges	McKinney	Hager	Ives
Continuous Hinges	Pemko	Hager	Ives
Locks	Sargent	Corbin/Ruswin	Best
Cylinders	Best		
Exit Devices	Sargent	Corbin/Ruswin	Von Duprin
Elec. Exit Devices	Sargent	Corbin/Ruswin	Von Duprin
Flush Bolts	Rockwood	Ives	Trimco
Silencers	Rockwood	Glynn Johnson	Trimco
Kickplates	Rockwood	Ives	Trimco
Stops	Rockwood	Ives	Trimco
Thresholds	Pemko	Zero	McKinney
Seals & Bottoms	Pemko	Zero	McKinney
Push/Pulls	Rockwood	Ives	McKinney
Closers	Sargent	LCN	Corbin/Ruswin
Auto Operators	Besam	LCN	Horton

- B. Furnish all items of hardware required to complete the work in accordance with specifications and plans.
- C. Carefully inspect Project for the extent of the finish hardware required to complete the Work. Where there is a conflict between these Specification and the existing hardware furnish finish hardware to specification.

2.02 MATERIALS:

- A. A. Locksets: Mortise Type Locks and Latches shall be heavy-duty with hinged, anti-friction, 3/4 inch throw latchbolt with anti-friction piece made of self-lubricating stainless steel. Functions and design as indicated on the hardware groups. Deadbolt functions shall be 1 inch projection made of hardened stainless steel. Both deadbolt and latchbolt are to extend into the case a minimum of 3/8 inch when fully extended. Furnish locksets and latchsets with sufficient curved strike lip to protect door trim. Provide locksets with 7-pin patent protected interchangeable core cylinders. All mortise cylinders shall have a concealed internal set screw for securing the cylinder to the lockset. The internal set screw will be accessible only by removing the core from the cylinder body. All mortise locksets and latchsets must conform to ANSI A156.13, Series 1000, Operational Grade 1 and be listed by UL. Lockset must fit ANSI A115.1 door preparation. Locksets and latchsets to have self-aligning, thru-bolted trim. Auxiliary deadlatch to be made of one piece stainless steel, permanently lubricated. Lever handles must be of forged or cast brass, bronze or stainless steel construction and conform to ANSI A117.1. Levers which contain a hollow cavity are not acceptable. Spindle to be such that if forced it will twist first, then break, thus preventing forced entry. Levers to be operated with a roller bearing spindle hub mechanism.
1. Locks shall have minimum 3/4 throw. All deadbolts shall have 1-inch minimum throw.
 2. Comply with requirements of local security/fire/life safety ordinances.
 3. Lock Series and Design: Sargent 8200 Series
 4. Electronic Panic Exit Device: Sargent 80 Series with motorized electric latch retraction.
- B. Hinges: Out swinging exterior doors shall have full mortised geared continuous hinge. All hinge open widths shall be minimum, but of sufficient size to permit door to swing 180. Furnish hinges with five knuckles and flush bearing.
1. Furnish 3 hinges per leaf to 7 foot 6 inch height. Add one for each additional 30 inches in height or fraction thereof.
 2. Provide hinges as listed in schedule.
 3. Provide continuous hinges as scheduled.
- C. Exit Devices: Furnish all sets at wood doors with sex bolts unless otherwise specified.

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- D. Surface Door Closers: Full rack and pinion type with removable non-ferrous cover. Provide sex bolts at all wood doors. Place closers inside building, stairs, and rooms. Closers shall be non-handed, non-sized and adjustable.
 - 1. Provide multi-size 1 through 6 at all doors rated or not.
 - 2. Flush transom offset brackets shall be used where parallel arm closers are listed for doors with fixed panels over.
 - 3. Drop brackets are required at narrow head rails.
 - 4. Set exterior doors closers to have 8.5 lbs maximum pressure to open, interior non-rated at 5 lbs , rated openings at 12lbs.
 - E. Kickplates: Provide with four beveled edges, 10 inches high by width less 1.5 inches on single doors and 1 inch on pairs of doors. Furnish Type "A" screws to match finish.
 - F. 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.
 - G. Screws: All exposed screws shall be Phillips head.
 - H. Silencers: Furnish silencers on all interior frames, 3 for single doors, 2 for pairs. Omit where any type of seals occur.
 - I. ADA Operators Besam SW200i Series.

2.03 FINISH:

- A. Generally to be BHMA 626 Satin Chrome where indicated.
- B. Protection Plates, Push, Pulls shall be BHMA 630.
- C. Spray door closers to match other hardware, unless otherwise noted.
- D. Aluminum items shall be finished to match predominant adjacent material. Seals to coordinate with frame color.

2.04 KEYING REQUIREMENTS:

- A. Provide construction cores and keys during the construction period. Construction control and operating keys and core shall not be part of the Owner's permanent keying system or furnished on the same keyway (or key section) as the Owner's permanent keying system. EMCC will supply and install permanent cores. The contractor shall supply construction cores only and these will be returned to the contractor after the permanent cores are installed.

PART 3 – EXECUTION

3.01 HARDWARE LOCATIONS:

DOOR HARDWARE

- A. Provide locations as recommended by the Door and Hardware Institute. All locations shall meet all state and local codes:

3.02 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. Installation shall conform to local governing agency security ordinance.

3.03 ADJUSTING:

- A. Adjust and check each operating item of hardware and each door to ensure proper operation or function of every unit. Replace units which cannot be adjusted to operate freely and smoothly.
- B. Inspection: Hardware supplier shall inspect all hardware furnished within 10 days of contractor's request and include with his guarantee a statement that this has been accomplished. Inspector or Contractor shall sign off the hardware as being complete and correctly installed and adjusted. Further corrections of defective material shall be the responsibility of his representative.

3.04 SCHEDULE OF FINISH HARDWARE:

- A. Legend of listed manufacturers:
 - MK - McKinney
 - PE - Pemko
 - RO - Rockwood
 - SA - SARGENT
 - BE - dormakaba Best
- B. The items listed in the following "Schedule of Finish Hardware" shall conform throughout to the requirements of the foregoing specification. The last column of letters in the Hardware Schedule refers to the manufacturer abbreviation listed above, where applicable.
- C. The Door Schedule on the Drawings indicates which Hardware Set is used with door.

D. HARDWARE SCHEDULE

Hardware Sets

Set: 1.0

Doors: 2-106a, 2-106b, 2-114

Description: EXTERIOR - PAIR - ALUM - ENTRY

2	Continuous Hinge	KCFM83-HD1		PE
1	Concealed Vert Rod Exit, Nightlatch	16 43 72 AD8410 106 x Less Pull	US32D	SA
1	Concealed Vert Rod Exit, Exit Only	16 43 72 AD8410 EO	US32D	SA
3	SFIC Core	supplied by owner	626	BE
2	Door Pull	RM3332-24 Mtg-Type 12HD	US32D	RO
2	Surface Closer	MC SRI 281 CPS	EN	SA
2	Drop Plate	281D (if required)	EN	SA
2	Blade Stop Spacer Kit	581-2 (if required)	EN	SA
2	Door Stop	467	Black	RO
1	Threshold	2005AT MSES25SS x LAR		PE
2	Sweep	315CN x door width		PE

Notes:

- Perimeter and meeting stile gasket furnished by aluminum storefront door/frame manufacturer.
- Coordinate all hardware with the aluminum storefront manufacturer/supplier.
- Provide necessary drop plates and fillers for proper installation of door closers.
- Exit device can be dogged down for push / pull operation.
- Verify finish of hardware.

Set: 2.0

Doors: 4-106, 4-109c, 4-109d

Description: EXTERIOR - PAIR - EXIT

2	Continuous Hinge	CFM83SLF-HD1		PE
1	Removable Mullion	L980	PC	SA
1	Rim Exit Device, Exit Only	16 43 72 8810 EO	US32D	SA
1	Rim Exit Device, Nightlatch	16 43 72 8804 Less Pull	US32D	SA
1	Vandal Resistant Trim	826	US32D	SA
1	Vandal Resistant Trim	821	US32D	SA
4	SFIC Core	supplied by owner	626	BE
1	Cylinder	72 980C1	US26D	SA
2	Door Closer	MC 281 CPS	EN	SA
2	Kick Plate	K1050 10" X 2" LDW 4BE CSK	US32D	RO
1	Threshold	2005AT MSES25SS x LAR		PE
1	Gasketing	303CSTST x head & jambs		PE

DOOR HARDWARE

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1 Mullion Gasketing	5110BL x door height		PE
1 Rain Guard	346C x LAR		PE
2 Sweep	315CN x door width		PE

Set: 3.0

Doors: 4-116, 4-118

Description: EXTERIOR - PAIR - ELECTRICAL, MECHANICAL

2 Continuous Hinge	CFM83SLF-HD1		PE
1 Removable Mullion	L980	PC	SA
1 Rim Exit Device, Exit Only	16 43 72 8810 EO	US32D	SA
1 Rim Exit Device, Nightlatch	16 43 72 8804 Less Pull	US32D	SA
1 Vandal Resistant Trim	826	US32D	SA
4 SFIC Core	supplied by owner	626	BE
1 Cylinder	72 980C1	US26D	SA
2 Door Closer	MC 281 CPSH	EN	SA
2 Kick Plate	K1050 10" X 2" LDW 4BE CSK	US32D	RO
1 Threshold	2005AT MSES25SS x LAR		PE
1 Gasketing	303CSTST x head & jambs		PE
1 Mullion Gasketing	5110BL x door height		PE
1 Rain Guard	346C x LAR		PE
2 Sweep	315CN x door width		PE

Set: 4.0

Doors: 7-128

Description: EXTERIOR - SGL - FIRE RISER

1 Continuous Hinge	CFM83SLF-HD1		PE
1 Storeroom Lock	72 8204 FEP	US26D	SA
1 SFIC Core	supplied by owner	626	BE
1 Door Closer	MC 281 CPSH	EN	SA
1 Kick Plate	K1050 10" X 2" LDW 4BE CSK	US32D	RO
1 Threshold	2005AT MSES25SS x LAR		PE
1 Gasketing	303CSTST x head & jambs		PE
1 Rain Guard	346C x LAR		PE
1 Sweep	315CN x door width		PE
1 Latch Protector	321	US32D	RO

Set: 5.0

Doors: 3-109a, 3-109b

Description: PAIR - BAND REHEARSAL (STC45)

6 Hinge, Full Mortise, Hvy Wt	T4A3786 5" x 4-1/2"	US26D	MK
2 Surface Vert Rod Exit, Classroom	16 43 72 NB8713 ETP	US32D	SA
4 SFIC Core	supplied by owner	626	BE
2 Door Closer	MC 281 P10	EN	SA
2 Kick Plate	K1050 10" X 2" LDW 4BE CSK	US32D	RO
2 Door Stop	409 / 446 [as required]	US32D	RO
1 *Threshold	154A x LAR		PE

DOOR HARDWARE

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1 Perimeter seals, meeting stile seals and door bottoms by acoustical door manufacturer.

Notes:

*Delete threshold if provided by acoustical door manufacturer.

Set: 6.0

Doors: 5-111

Description: PAIR - STORAGE

6 Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
2 Flush Bolt	555 / 557 (as required)	US26D	RO
1 Dust Proof Strike	570	US26D	RO
1 Storeroom/Closet Lock	72 8204 LNP	US26D	SA
1 SFIC Core	supplied by owner	626	BE
2 Door Stop	409 / 446 [as required]	US32D	RO
1 Astragal	357C x door height		PE
2 Silencer	608		RO

Set: 7.0

Doors: 1-101, 1-102, 1-110, 1-112

Description: SGL - STORAGE

3 Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1 Storeroom/Closet Lock	72 8204 LNP	US26D	SA
1 SFIC Core	supplied by owner	626	BE
1 Door Stop	409 / 446 [as required]	US32D	RO
3 Silencer	608		RO

Set: 8.0

Doors: 1-105

Description: SGL - JAN.

3 Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1 Storeroom/Closet Lock	72 8204 LNP	US26D	SA
1 SFIC Core	supplied by owner	626	BE
1 Door Closer	MC 281 O10	EN	SA
1 Mop Plate	K1050 4" X 1" LDW 4BE CSK	US32D	RO
1 Kick Plate	K1050 10" X 2" LDW 4BE CSK	US32D	RO
1 Door Stop	409 / 446 [as required]	US32D	RO
1 Gasketing	S88BL x head & jambs		PE

Set: 9.0

Doors: 1-117

Description: SGL - COMM. (STC45)

3 Hinge, Full Mortise, Hvy Wt	T4A3786 5" x 4-1/2"	US26D	MK
1 Storeroom/Closet Lock	72 8204 LNP	US26D	SA
1 SFIC Core	supplied by owner	626	BE
1 Door Closer	MC 281 O10	EN	SA
DOOR HARDWARE			087100 - 7

1 Kick Plate	K1050 10" X 2" LDW 4BE CSK	US32D	RO
1 Door Stop	409 / 446 [as required]	US32D	RO
1 *Threshold	154A x LAR		PE
1 Perimeter seals and door bottom by acoustical door manufacturer.			

Notes:

*Delete threshold if provided by acoustical door manufacturer.

Set: 10.0

Doors: 1-119, 1-120, 1-122, 1-123

Description: SGL - OFFICE

3 Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1 Office/Entry Lock	72 8205 LNP	US32D	SA
1 SFIC Core	supplied by owner	626	BE
1 Door Stop	409 / 446 [as required]	US32D	RO
3 Silencer	608		RO

Set: 11.0

Doors: 1-125

Description: SGL - INSTRUMENT REPAIR

3 Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1 Classroom Lock	72 8237 LNP	US26D	SA
1 SFIC Core	supplied by owner	626	BE
1 Door Stop	409 / 446 [as required]	US32D	RO
3 Silencer	608		RO

Set: 12.0

Doors: 1-121, 6-103, 6-104, 6-113, 6-115

Description: SGL - WORK ROOM, STUDIO (STC45)

3 Hinge, Full Mortise, Hvy Wt	T4A3786 5" x 4-1/2"	US26D	MK
1 Classroom Lock	72 8237 LNP	US26D	SA
1 SFIC Core	supplied by owner	626	BE
1 Door Closer	MC 281 O10	EN	SA
1 Kick Plate	K1050 10" X 2" LDW 4BE CSK	US32D	RO
1 Door Stop	409 / 446 [as required]	US32D	RO
1 *Threshold	154A x LAR		PE
1 Perimeter seals and door bottom by acoustical door manufacturer.			

Notes:

*Delete threshold if provided by acoustical door manufacturer.

Set: 13.0

Doors: 1-124

Description: SGL - TOILET

3 Hinge, Full Mortise DOOR HARDWARE	TA2714 4-1/2" x 4-1/2"	US26D	MK 087100 - 7
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1 Privacy Set w/ Occupancy Indicator	LB V20 8265 LNP	US26D	SA
1 Mop Plate	K1050 4" X 1" LDW 4BE CSK	US32D	RO
1 Door Stop	409 / 446 [as required]	US32D	RO
1 Gasketing	S88BL x head & jambs		PE
1 Coat Hook	806	US26D	RO

Set: 14.0

Doors: 1-107, 1-108, 1-126, 1-127

Description: SGL - MEN'S, WOMEN'S, CHANGING ROOM

3 Hinge, Full Mortise, Hvy Wt	T4A3786 4-1/2" x 4-1/2"	US26D	MK
1 Classroom Deadlock	72 4877	US26D	SA
1 SFIC Core	supplied by owner	626	BE
1 Pull Plate	BF 110 x 70C	US32D	RO
1 Push Plate	70C	US32D	RO
1 Door Closer	MC SRI 281 O10	EN	SA
1 Mop Plate	K1050 4" X 1" LDW 4BE CSK	US32D	RO
1 Kick Plate	K1050 10" X 2" LDW 4BE CSK	US32D	RO
1 Door Stop	409 / 446 [as required]	US32D	RO
1 Kick Down Door Stop	461	US26D	RO
3 Silencer	608		RO

END OF SECTION 087100

SECTION 095113 - ACOUSTICAL PANEL CEILINGS

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes acoustical panels and exposed suspension systems for ceilings.
 - 1. acoustical panels
 - 2. metal suspension system for acoustical panels

1.2 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Samples: For each exposed product and for each color and texture specified.

1.4 INFORMATIONAL SUBMITTALS

- A. Product test reports.
- B. Evaluation reports.
- C. Field quality-control reports.

1.5 CLOSEOUT SUBMITTALS

- A. Maintenance data.

1.6 QUALITY ASSURANCE

- A. Testing Agency Qualifications: Qualified according to NVLAP.
- B. Mockups: Build mockups to verify selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.
 - 1. Build mockup of typical ceiling area as shown on Drawings.

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2. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Seismic Performance: Acoustical ceiling shall withstand the effects of earthquake motions determined according to ASCE/SEI 7.
- B. Surface-Burning Characteristics: Comply with ASTM E 84; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
 1. Flame-Spread Index: Comply with ASTM E 1264 for Class A materials.
 2. Smoke-Developed Index: 50 or less.

2.2 ACOUSTICAL PANEL CEILINGS, GENERAL

- A. Glass-Fiber-Based Panels: Made with binder containing no urea formaldehyde.
- B. Acoustical Panel Standard: Comply with ASTM E 1264.
- C. Metal Suspension System Standard: Comply with ASTM C 635.
- D. Attachment Devices: Size for five times the design load indicated in ASTM C 635, Table 1, "Direct Hung," unless otherwise indicated. Comply with seismic design requirements.

2.3 ACOUSTICAL PANELS – PROVIDE AT ALL LOCATIONS EXCEPT AS NOTED IN 2.4

- A. Basis-of-Design Product: Subject to compliance with requirements, provide 24”x 24”x 5/8” non-directional fissured Baroque BET 154 with reveal edge by CertainTeed Corp. or comparable product by one of the following:
 1. Armstrong World Industries, Inc.
 2. CertainTeed Corp.
 3. Chicago Metallic Corporation.
 4. Tectum Inc.
 5. USG Interiors, Inc.; Subsidiary of USG Corporation.
- B. Color: As selected from manufacturer’s full range.
- C. Edge/Joint Detail: Reveal sized to fit flange of exposed suspension-system members.
- D. Thickness: 5/8 inch
- E. Modular Size: 24 by 24 inches

2.4 VINLY COATED ACOUSTICAL PANELS – PROVIDE AT ALL RESTROOMS AND CHANGING ROOMS

- A. Basis-of-Design Product: Subject to compliance with requirements, provide 24'x 24'x 5/8" non-directional fissured Performa VinylShield A with reveal edge by CertainTeed Corp. or comparable product by one of the following:
1. Armstrong World Industries, Inc.
 2. CertainTeed Corp.
 3. Chicago Metallic Corporation.
 4. Tectum Inc.
 5. USG Interiors, Inc.; Subsidiary of USG Corporation.
- B. Color: As selected from manufacturer's full range.
- C. Edge/Joint Detail: Reveal sized to fit flange of exposed suspension-system members.
- D. Thickness: 5/8 inch
- E. Modular Size: 24 by 24 inches

2.5 METAL SUSPENSION SYSTEM FOR ACOUSTIC PANELS

- A. Basis-of-Design Product: Subject to compliance with requirements, provide 15/16" Classic Aluminum Capped Steel Suspension System by CertainTeed Corporation or comparable product by one of the following:
1. Armstrong World Industries, Inc.
 2. CertainTeed Corporation.
 3. Chicago Metallic Corporation.
 4. United States Gypsum Company.
- B. Metal Suspension-System Standard: Manufacturer's standard, direct-hung, metal suspension system and accessories according to ASTM C 635/C 635M.
- C. Recycled Content: Postconsumer recycled content plus one-half of preconsumer recycled content not less than 25 percent.
- D. Wide-Face, Capped, Double-Web, Steel Suspension System: Main and cross runners roll formed from cold-rolled steel sheet; prepainted, electrolytically zinc coated, or hot-dip galvanized, G30 (Z90) coating designation; with prefinished 15/16-inch- (24-mm-) wide metal caps on flanges.
1. Structural Classification: Heavy-duty system.
 2. End Condition of Cross Runners: Override (stepped) or butt-edge type.
 3. Face Design: Flat, flush.
 4. Cap Material: aluminum.

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5. Cap Finish: Painted white.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install acoustical panel ceilings to comply with ASTM C 636/C 636M and seismic design requirements indicated, according to manufacturer's written instructions and CISCA's "Ceiling Systems Handbook."
- B. Measure each ceiling area and establish layout of acoustical panels to balance border widths at opposite edges of each ceiling. Avoid using less-than-half-width panels at borders, and comply with layout shown on reflected ceiling plans.
 1. Arrange directionally patterned acoustical panels as indicated on reflected ceiling plans.

END OF SECTION 095113