



UNIVERSITY FACILITIES MANAGEMENT

Sixth Avenue and Grant Street • P.O. Box 172760 • Bozeman, Montana 59717-2760
Phone: (406) 994-5413 • Fax: (406) 994-5665

ADDENDUM NO. 3 - OUTLINE AND SUMMARY INFORMATION

Project Name: Classroom Improvements 2025-2026

PPA No.: 25-1214

Location: Montana State University - Bozeman

Date: January 30, 2026

To: *All Plan Holders of Record*

*The Plans and Specification prepared by **Jackola Engineering & Architecture** dated **December 17, 2025**, shall be clarified and added as follow. The bidder proposes to perform all the following clarifications or changes. It is understood that the Base Bid shall include any modification of Work or Additional Work that may be required by reason of the following change or clarifications.*

The Bidders are to acknowledge the receipt of this Addendum by inserting its number and date into their Bid Forms. Failure to acknowledge may subject the Bidder to disqualification and rejection of the bid. This Addendum forms part of the Contract Documents as if bound therein and modifies them as follows:

1. AMENDMENTS TO THE PROJECT MANUAL

- a. Invitation to Bid – **CHANGE Bid date and time to Tuesday, February 10, 2026 at 2:15PM.**

2. REVISED DRAWINGS & SPECIFICATIONS

3. ATTACHMENTS

- a. Additional Pre-Bid Questions
- b. Specification Section 095000 – Ceiling Acoustic Panels
- c. Specification Section 096500 – Resilient Flooring
- d. Sheet A-132 – 105 FINISH FLOOR PLAN ALT. #2
- e. Sheet A-215 – 126 INTERIOR ELEVATIONS ALT. #4
- f. Sheet A-601 – DOOR AND WINDOW SCHEDULES

INVITATION TO BID

Sealed bids will be received until **2:15 PM** on **Tuesday, February 10, 2026**, and will be publicly opened and read aloud in the offices of **MSU University Facilities Management, Plew Building, 516 W. Grant St., Bozeman, Montana**, for: **Classroom 2025-2026, PPA No. 25-1214**.

Bids shall be submitted on the form provided within the Contract Documents. Contract documents may be obtained at the offices of:

Montana State University
UNIVERSITY FACILITIES MANAGEMENT
Plew Building, 516 W. Grant St.
PO Box 172760
Bozeman, Montana 59717-2760

On the web at:
<http://www.montana.edu/pdc/bids.html>

A PRE-BID WALK-THROUGH IS SCHEDULED FOR MONDAY, January 12, 2026, AT 10:00 AM. PARTICIPANTS SHOULD MEET AT REID HALL 1ST FLOOR NEAR 101. ATTENDANCE IS STRONGLY RECOMMENDED. QUESTIONS RECEIVED AFTER January 12, 2026, WILL BE RESPONDED TO AT THE OWNER'S DISCRETION. Bidders should thoroughly review the contract documents before the pre-bid conference.

Bids equal to or greater than \$150,000 must be accompanied by a bid security meeting the requirements of the State of Montana in the amount of 10% of the total bid. After award, the successful bidder must furnish an approved Performance Security and a Labor & Material Payment Security each in the amount of 100% of the contract for contracts equal to or greater than \$150,000.

No bidder may withdraw his bid for at least thirty (30) calendar days after the scheduled time for receipt of bids except as noted in the Instructions to Bidders.

The Owner reserves the right to reject any or all bids and to waive any and all irregularities or informalities and the right to determine what constitutes any and all irregularities or informalities.

Time of Completion

Bidder agrees to commence work after receipt of the Contract for Construction, on the specified date of commencement, and to substantially complete the project by **August 14, 2026**.

The State of Montana makes reasonable accommodations for any known disability that may interfere with an applicant's ability to compete in the bidding and/or selection process. In order for the state to make such accommodations, applicants must make known any needed accommodation to the individual project managers or agency contacts listed in the contract documents.

State of Montana - Montana State University

2025 MSU Classroom Improvements (PPA #: 25-1214)

Additional Pre-Bid questions (Addendum #3):

Jake Martel @ Martel (1/28):

1. One question I had, I just want to clarify that the scope for add alt #4 in room 126, is only to add the windows?
 - **Response (from addendum #1):** All finishes from Alt #3 are to be included in Alt #4. Alt #4 is the new window wall and door and moving the acoustic panels from Alt #3 to the east and west walls.
2. (Stonewall Construction RFI) We are reviewing the slab plan on Sheet A-112S – Room #103 Floor Plan: Slab Plan and request clarification regarding concrete slab thickness at the indicated low elevations. The plan notes indicate “New slab above existing slab” with a 4-inch minimum concrete thickness requirement. However, based on the spot elevations shown on the slab plan, several areas appear to result in slab thicknesses less than the required 4 inches. Measured thickness from plan elevations indicate depths to ¼” and less than 4” in multiple locations.
 - **Response:** 1-1/2” minimum thickness, use the reinforcement called out in detail 2/A-112S, where the thickness is greater than 3”. Contractor can propose alternate mix design, or non-shrink grout for thin areas, based on past experience, or can remove excess concrete down to provide 1-1/2” minimum thickness.

Quality Carpet + Flooring (1/28):

1. The product specified for LVT-2 is a floating floor. This material is better suited for residential use and does not perform well under high foot traffic, like a university, and especially on steps. This material also does not work well with the stair detail shown on A-112/ That detail is more indicative of use with a commercial glue down LVT product. It is our recommendation that LVT-2 be a glue down product, similar to LVT-1.
 - **Response:** Thank you for bringing this to our attention. Please refer to the revised LVT-2 on sheet A-132 and the updated Resilient Flooring specification section (096500). Additionally, as indicated in the finish plan and detail 3/A-112, the stair treads in room 103 will receive a concrete finish rather than LVT.

Valley Glass & Windows (1/28):

1. There is no indication of glass type in either the plans or specs, just a section on 2/A-124 that calls for Double pane acoustic glazing. Please provide glazing schedule. Please confirm this glazing applies to both add alt #3 and add alt #4.
 - **Response:** See revised 1/A-215. Detail 2/A-124 applies to Alternate #3 only.
2. There is no fire rating callout on the door schedule; please confirm if these doors are rated. And if so, please specify required fire rating.
 - **Response:** Thank you for bringing this to our attention. See revised sheet A-601 for clarity on the door fire ratings.
3. Keynote #4 on A-215 is calling for existing glazing and frame to remain. I assume that this is carryover from the previous elevation sheet, but please confirm this note should be ignored, with a new storefront frame and glazing in this location.
 - **Response:** See revised 1/A-215.

4. Keynote #8 on A-215 is calling for a Kawneer 451 UT storefront system. Per the manufacturer's website the 451UT Framing System is "engineered for the most demanding thermal performance by employing a "dual" thermal break". Please confirm that a non-thermal system is acceptable, being that this is an interior storefront frame.
 - **Response:** The Kawneer Trifab VersaGlaze 450 framing system is an approved alternate to the 451UT system and is a non-thermal system.

Collin Okerlund @ Jackson (1/22):

1. A-215 Alternate #4 shows storefront that is not currently in place. These are marked with note #4 "EXISTING GLAZING AND FRAME TO RAMIN" or not labelled. The window schedule does not show frame profiles that would match these. There is no Demo plan for Alternate #4 for additional wall demolition for the larger windows.
 - **Response:** See revised 1/A-215.
2. Detail 2/A-124 shows double pane acoustic glazing in the windows that are to be installed in existing frames. Please confirm this is not to be ¼" clear to match the other existing windows.
 - **Response:** Double pane acoustic glazing is confirmed. Detail 2/A-124 applies to Alternate #3 only.

Josef Williams @ AJ's Acoustical Ceilings (1/21):

1. We have a question on room 105. It looks like there are 4x4 acoustic ceiling panels, we are looking for the specs on these and cant seem to find them. Can you please send them to us or point us in the right direction.
 - **Response:** Thank you for bringing this to our attention. Refer to the specification section 09500 – Ceiling Acoustical Panels for the 4x4 acoustic ceiling panels in room 105.

Mark Tabert @ Jackson (1/29):

1. Are keynotes 1 and 2 on drawing E114 part of the base bid or part of alternate #3.
 - **Response:** Keynotes 1 and 2 on E114 are in regard to room #126 and part of alternate #3. Alternate #4 includes keynotes 1 and 2 on E114 as well.

SECTION 095000
CEILING ACOUSTICAL PANELS

PART 1 - GENERAL**1.01 REFERENCE STANDARDS**

- A. ASCE 7 - Minimum Design Loads and Associated Criteria for Buildings and Other Structures; Most Recent Edition Cited by Referring Code or Reference Standard.
- B. ASTM C423 - Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method; 2023, with Editorial Revision (2024).
- C. ASTM D3273 - Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber; 2021.
- D. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2024.
- E. ASTM E795 - Standard Practices for Mounting Test Specimens during Sound Absorption Tests; 2023.
- F. ASTM E1264 - Standard Classification for Acoustical Ceiling Products; 2023.
- G. ASTM E1477 - Standard Test Method for Luminous Reflectance Factor of Acoustical Materials by Use of Integrating-Sphere Reflectometers; 1998a (Reapproved 2022).
- H. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.

1.02 1.1 RELATED DOCUMENTS

- A. Drawings and general conditions of Contract, including General and Supplementary Conditions and Divisions-1 Specification sections apply to work of this section.

1.03 1.2 SUMMARY

- A. Section Includes:
 - 1. Non-Woven layered and formed Polyester felt fiber ceiling and wall panels
 - 2. Wire hangers, fasteners, main runners, cross tees, and accessories.
- B. Related Sections:
 - 1. Section 09 53 00 - Acoustical Ceiling Suspension Assembly
 - 2. Section 09 20 00 - Plaster and Gypsum Board
 - 3. Section 09 22 16 - Non-Structural Metal Framing
 - 4. Section 01 81 13 - Sustainable Design Requirements
 - 5. Section 01 81 19 - Indoor Air Quality Requirements

6. Divisions 23 (15) - HVAC
7. Division 26 (16) Sections - Electrical Work

C. Alternates

1. Prior Approval: Unless otherwise provided for in the Contract documents, submit proposed product substitutions no later than TEN (10) working days prior to the date established for receipt of bids. Acceptability of a proposed substitution is contingent upon the Architect's review and acceptance. Approved products will be set forth by the Addenda. If a substitution is included in a Bid and is not approved by an Addendum, the specified products shall be provided as in place of the substitute without additional compensation.
2. Submittals, which do not provide adequate data for the product evaluation, will not be considered. The proposed substitution must meet all requirements of this section, including but not necessarily limited to, the following: Single source materials suppliers (if specified in Section 1.5); panel design, size, composition, color, and finish; suspension system component profiles and sizes; compliance with the referenced standards.

1.04 1.3 REFERENCES

A. American Society for Testing and Materials (ASTM):

1. ASTM A641 Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire.
2. ASTM A653 Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process.
3. ASTM A1008 Standard Specification for Steel, Sheet, and Cold Rolled Carbon, Structural, High-Strength Low-Alloy and High-Strength Low-Alloy with Improved Formability.
4. ASTM C635 Standard Specification for Metal Suspension Systems for Acoustical Tile and Lay-in Panel Ceilings.
5. ASTM C636 Recommended Practice for Installation of Metal Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels.
6. ASTM D3273 Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber
7. ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials.
8. ASTM E580 Application of Ceiling Suspension Systems for Acoustical Tile and Lay-In Panels in Areas Requiring Seismic Restraint.
9. ASTM C423 Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method.
10. ASTM E795 Standard Practices for Mounting Test Specimens During Sound Absorption Tests
11. ASTM E1264 Classification for Acoustical Ceiling Products.

- B. International Building Code
- C. ASHRAE Standard 62.1 2004 Ventilation for Acceptable Indoor Air Quality
- D. California Department of Public Health CDPH/EHLB Emission Standard Method Version 1.2 2017
- E. California Green Building Standards Code Cal Green Title 24
- F. NFPA 70 National Electrical Code
- G. ASCE 7 American Society of Civil Engineers, Minimum Design Loads for Buildings and Other Structures
- H. International Code Council-Evaluation Services - AC 156 Acceptance Criteria for Seismic Qualification Testing of Non-structural Components
- I. International Code Council-Evaluation Services Report - Seismic Engineer Report
 - 1. ESR 1289 - Armstrong Drywall Suspension
- J. LEED - Leadership in Energy and Environmental Design is a set of rating systems for the design, construction, operation, and maintenance of green buildings
- K. Underwriters Laboratories Green Guard
- L. International Living Building Challenge

1.05 1.4 SUBMITTALS

1. Shop Drawings: Provide layout including panel type and components used in the assembly of the ceiling or walls. Show locations of items that are to be coordinated with the ceiling or walls.
2. Installation Instructions: Submit manufacturer's installation instructions as referenced in Part three, Installation.
3. Samples: Minimum 6-inch x 6-inch sample of the colors selected in the ceiling or wall design, include manufacturer sample of suspension components.
4. Product Data: Submit manufacturer's technical data for each type of ceiling or wall unit and suspension system required.
5. Certifications: Manufacturer's certifications that products comply with specified requirements, including laboratory reports showing compliance with specified tests and standards.
6. Non-Conformance: All products not conforming to the requirements of this specification and or the manufacturer's published values are to be disposed. The Contractor performing the work will replace with approved product at their expense.

1.06 1.5 QUALITY ASSURANCE

1. Single-Source Responsibility: Provide ceiling or wall panel units and suspension components by a single manufacturer.

2. Fire Performance Characteristics: Identify ceiling or wall components with appropriate markings of applicable testing and inspecting organization.
 - a. Surface Burning Characteristics: As follows, tested per ASTM E84 and complying with Class A products.
 - 1) Flame Spread: 25 or less
 - 2) Smoke Developed: 450 or less
3. Fire Sprinklers: Ceiling systems may obstruct or skew the planned water distribution pattern of fire sprinkler. In addition to creating a possible delaying or accelerating the activation of the sprinkler of fire detection system. Consult with a fire protection engineer for guidance.
4. Coordination of Work: Coordinate ceiling or wall work with installers of related work including, but not limited to building insulation, gypsum board, light fixtures, mechanical systems, electrical systems, and sprinklers.

1.07 1.6 DELIVERY, STORAGE, AND HANDLING

1. Deliver acoustical ceiling or wall units to project site in original, unopened packages and store them in a fully enclosed space where they will be protected against damage from moisture, direct sunlight, surface contamination, and other causes.
2. Before installing acoustical ceiling or wall units, permit them to reach room temperature and a stabilized moisture content.
3. White gloves recommended for handling to avoid marring, especially on light color panels.

1.08 1.7 PROJECT CONDITIONS

1. Space Enclosure:
- B. HumiGuard Plus Ceiling and Walls: Building areas to receive ceiling and or walls shall be free of construction dust and debris. Products with HumiGuard Plus performance and hot dipped galvanized steel suspension systems can be installed up to 120°F (49°C) and in spaces before the building is enclosed, where HVAC systems are cycled or not operating. Cannot be used in exterior applications where standing water is present or where moisture will come in direct contact with the ceiling or walls.

1.09 1.8 WARRANTY

1. Acoustical Panel: Submit a written warranty executed by the manufacturer, agreeing to repair or replace panels that fail within the warranty period.
2. Warranty Period:
 - a. Acoustical panels and Suspension: One (1) year from date of substantial completion
3. The Warranty shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and will be in addition to and run concurrent with other warranties made by the Contractor under the requirements of the Contract Documents.

1.10 1.9 SUSTAINABLE MATERIALS

1. The GREENGUARD Certification Program gives assurance that products designed for use in indoor spaces meet strict chemical emissions limits, which contribute to the creation of healthier interiors. GREENGUARD Certified products meet stringent chemical emissions requirements, such as being screened for more than 10,000 volatile organic compounds (VOCs).
2. Health Product Declaration. The end use product has a published, complete Health Product Declaration with disclosure at a minimum of 1000ppm of known hazards in compliance with the Health Product Declaration open Standard.
3. Declare Label. The end use product has a published Declare label by the International Living Future Institute with disclosure of 100 ppm with a designation of Red List Free or Compliant (less than 1% proprietary ingredients).
4. Low Emitting products with VOC emissions data. Preference will also be given to manufacturers that can provide emissions data showing their products meet CDHP Standard Method v1.2 (Section 01350).
5. Life cycle analysis. Products that have communicated lifecycle data through Environmental Product Declarations (EPDs) will be preferred.
6. Products meeting LEED V4 requirements.

1.11 1.10 MAINTENANCE

1. Extra Materials: Deliver extra materials to Owner. Furnish extra materials described below that match products installed. Packaged with protective covering for storage and identified with appropriate labels.
 - a. Ceiling or Wall Units: Furnish quality of full-size units equal to 2.0 percent of amount installed.
 - b. Exposed Suspension System Components: Furnish quantity of each exposed suspension component equal to 1.0 percent of amount installed.

PART 2 - PRODUCTS**2.01 2.1 MANUFACTURERS**

1. Basis of Design FELTWORKS Ceiling and Walls:
 - a. Armstrong World Industries, Inc.
2. Suspension Systems:
 - a. Drywall Grid System - Armstrong World Industries, Inc.
 - b. Furring System by Others
3. Substitutions: Refer to Section 01600 - Product Requirements

2.02 2.2.0 CEILING AND WALL UNITS

1. Ceiling and Wall Panels:
 - a. Surface Texture: Soft
 - b. Composition: Non-woven layered and formed Polyester felt (PET) fiber
 - c. Color: White, Beige, Light Grey, Dark Grey and Black
 - d. Edge Profile: Square, Long Edges Beveled/Short Edges Beveled
 - e. Light Reflectance (LR) Cotton Panel: ASTM E1477; 0.78
 - f. Material Ingredient Transparency: Health Product Declaration (HPD); Declare Label (EPD)
 - g. GREENGUARD Gold Certified
 - h. Sizes (Select appropriate panel size):
 - 1) Item: 6322W48L048B4 – 48" X 48" X 1"
 - i. Acoustical Performance is tested per ASTM C423
 - j. (Select appropriate panel Installation for Performance):
 - 1) Ceiling Panel
 - (a) Adhesive – 0.75 NRC
 - (b) Screw to 7/8" metal furring – 0.80 NRC
 - (c) Magnet to 7/8" metal furring – 0.85 NRC
 - (d) Screw or magnet to drywall grid or 1-1/2" metal furring – 0.90 NRC
 - k. Flame Spread: Class A
 - l. Dimensional Stability: HumiGuard Plus.
 - m. Acceptable Product: FELTWORKS as manufactured by Armstrong World Industries.

2.03 2.2.1 SUSPENSION SYSTEMS

1. Drywall Suspension Components: All main beams and cross tees shall be commercial quality hot dipped galvanized steel as per ASTM A653. Main beams and cross tees are double-web steel construction with 1-1/2" inch type exposed flange design. Exposed surfaces chemically cleansed no capping, galvanized steel. Main beams and cross tees shall have rotary stitching.
 - a. Structural Classification: ASTM C635 (Heavy Duty).
 - b. Acceptable Product: Listed Below as manufactured by Armstrong World Industries, Inc.

- 1) Item HD8906 - 12' Drywall Main Beam
- 2) Item XL8926 - 2' Drywall Suspension Tee
- c. Clips
2. Item QSUTC QuickStix Uptight Clips (layout dependent)
3. Attachment Devices: Size for five times design load indicated in ASTM C 635, Table 1, Direct Hung unless otherwise indicated.
4. Wire for Hangers and Ties: ASTM A641, Class 1 zinc coating, soft temper, pre-stretched, with a yield stress load of at least times-three design load, but not less than 12 gauge.
5. Accessories: Ordered Separately Based on Layout
 - a. Item 6488 - Washers Mill Finish (paintable), Black
 - b. Item 6489 - #8 x 1-7/8" Screws for washer installation Mill Finish (paintable), Black
 - c. Item 6526 – Magnets
 - d. Item 6527 #8 x 1" Screws for magnet installation
 - e. Item 7142L04 – Z-Clips and Item 7142L71 – Z-Bars, Light Duty PVC
6. Metal Furring: Steel channel/hat channel 20-guage 7/8" galvanized steel. Installation to structure is the responsibility of the design team to provide guidance on the architectural plans or by the construction professional installing the framing.
7. Adhesive Installation: Armstrong Ceilings and Wall System recommends Henry® 237B AcoustiGum or Titebond GREENchoice Acoustical Ceiling Tile Adhesive. Follow the adhesive manufactures instructions for preparation and Armstrong FELTWORKS installation instructions for application on the panel.

PART 3 - EXECUTION

3.01 3.1 EXAMINATION

1. Do not proceed with installation until all wet work such as concrete, terrazzo, plastering and painting has been completed and thoroughly dried out.
2. Proper designs for both supply air and return air, maintenance of the HVAC filters and building interior space are essential to minimize soiling. Before starting the HVAC system, make sure supply air is properly filtered and the building interior is free of construction dust.

3.02 3.2 PREPARATION

1. Measure each ceiling or wall area, establish layout of FELTWORKS acoustical units. Coordinate panel layout with mechanical and electrical fixtures.

3.03 3.3 INSTALLATION

1. Install suspension system, adhesive or Z-Clips in compliance with the approval of the authorities having jurisdiction, and in accordance with the manufacturer's FELTWORKS Ceiling and Wall Installation Instructions.

3.04 3.4 ADJUSTING AND CLEANING

1. Replace damaged or broken FELTWORKS panels.
2. Clean exposed surfaces of ceilings and wall panels. Comply with manufacturer's instructions for cleaning and touch up of minor finish damage.

END OF SECTION 095000

**SECTION 096500
RESILIENT FLOORING**

PART 1 GENERAL**1.01 SECTION INCLUDES**

- A. Resilient tile flooring.

1.02 REFERENCE STANDARDS

- A. ASTM F1700 - Standard Specification for Solid Vinyl Floor in Modular Format such as Tile(s) or Plank(s); 2025.

1.03 SUBMITTALS

- A. See Section 013000 - Administrative Requirements for submittal procedures.

PART 2 PRODUCTS**2.01 TILE FLOORING**

- A. Vinyl Tile: Commercial Grade Durability, printed film type, with transparent or translucent wear layer; acoustic interlayer or backing.
 - 1. Manufacturers:
 - a. Shaw Contract: Uncommon Ground 6: www.shawcontract.com/en-us/products/0188v
 - b. Daltile: Pines Terrace: www.daltile.com/products/wood-look/pines-terrace
 - 2. Minimum Requirements: Comply with ASTM F1700, Class III.
 - 3. Wear Layer Thickness: 20 mil
 - 4. Total Thickness: 3.0mm
 - 5. Substituitons: Refer to Section 01600 - Product Requirements

PART 3 EXECUTION**3.01 EXAMINATION**

- A. Examine substrates, with Installer present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the work.
- B. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might interfere with adhesion of resilient products.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

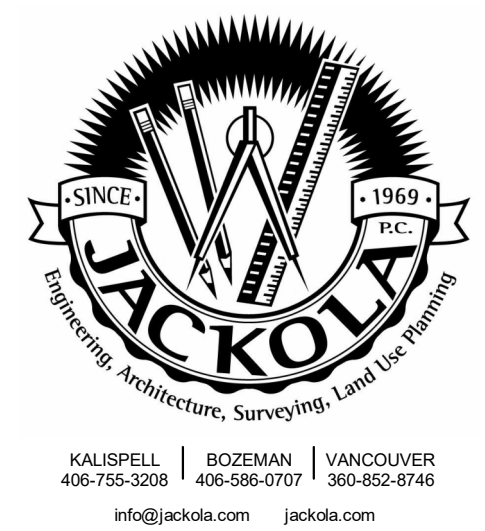
3.02 PREPARATION

- A. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound and remove bumps and ridges to produce a uniform and smooth substrate.
- B. Move resilient products and installation materials into spaces where they will be installed at least 48 hours in advance of installation.
- C. Vacuum clean substrates to be covered by resilient products immediately before installation.

3.03 INSTALLATION - GENERAL

- A. Install in accordance with manufacturer's written instructions.

END OF SECTION 096500



KALISPELL | BOZEMAN | VANCOUVER
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BID SET

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REID HALL CLASSROOM RENOVATION
MONTANA STATE UNIVERSITY
 REID HALL,
 BOZEMAN, MONTANA 59717
 PPA#: 25-1214

DRAWN: RH CHECKED: CH
 DATE: 12/17/2025
 REVISIONS:
 A ADDENDUM #1 01/21/26
 B ADDENDUM #3 01/29/26

103 FINISH FLOOR PLAN
ALT. #2

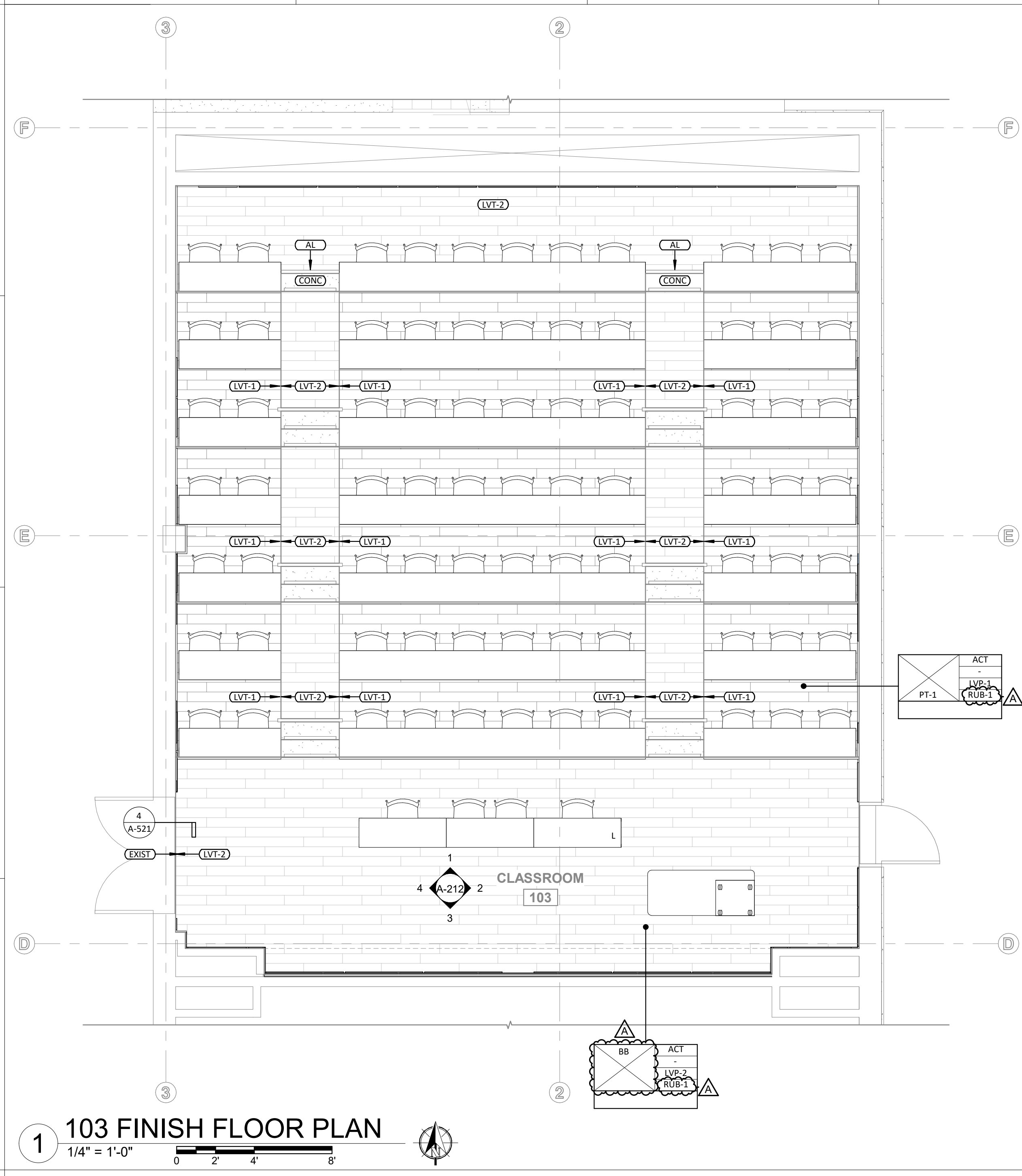
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FINISH SCHEDULE

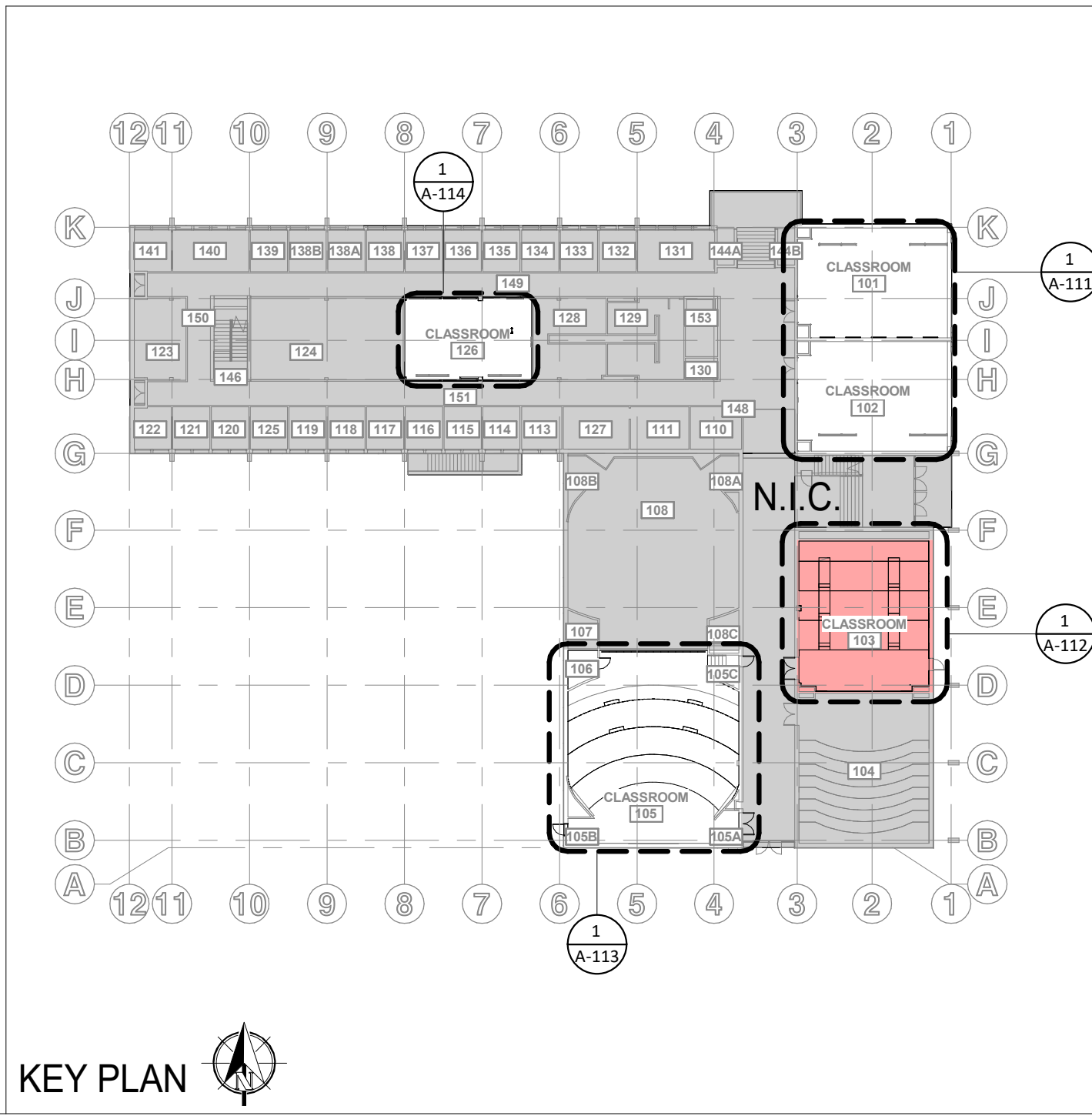
TAG	KEY	COLOR	MANUFACTURER	STYLE	NOTE
ACT	ACOUSTIC CEILING TILE	WHITE	ARMSTRONG	CIRRUS 584	24" X 48" SQUARE LAY-IN 15/16, 0.70 NRC
AL	ALUMINUM TRANSITION STRIP	GRAPHITE GRAY			
BB	NON-ACOUSTIC FLAT BAMBOO PANEL	AMBER	PLYBOO		FRONT OF PLATFORM RISERS ONLY
CONC	CONCRETE				
EXIST	EXISTING				
FAB-2	EXISTING FABRIC PANEL	WEDGEWOOD	G & S ACOUSTICS	MELODY MSCORES-RAP	SIZES: 2' X 2', 2' X 4', 4' X 4', 1" THICKNESS. NRC 0.85
LVT-1	LUXURY VINYL TILE	WBEATH PT69/PT82	DALTILE	PINES TERRACE	
LVT-2	LUXURY VINYL PLANK	SUGAR PT60/PT73	DALTILE	PINES TERRACE	
PT-1	PAINT	SW 7012 CREAMY	SHERWIN WILLIAMS		
RUB-1	RUBBER BASE	BLACK	JOHNSONITE	DURAVOVE 4"	THERMOPLASTIC RUBBER 1/8"

ROOM FINISH KEY

WALL	CEILING
WALL	SILL
WALL	FLOOR
WALL	BASE
NOTES	



1 103 FINISH FLOOR PLAN
 1/4" = 1'-0"
 0 2 4 6



KEY PLAN

ENTIRE SHEET IS
ADD ALTERNATE #2

PROJECT #/Project Number

**ENTIRE SHEET IS
ADD ALTERNATE #4**

INTERIOR ELEVATION KEYNOTES 126

- 1 CEILING MOUNTED PROJECTOR SCREEN.
- 2 CUSTOM FIXED WHITEBOARD, NO TRAY, 5' 9" X 3' 9", BASIS OF DESIGN: OPTIMA GREAT WHITE MAGNETIC WHITEBOARD.
- 3 NEW GLAZING IN EXISTING FRAME, MATCH EXISTING.
- 4 EXISTING GLAZING AND FRAME TO REMAIN.
- 5 CEILING MOUNTED PROJECTOR.
- 6 POE CLOCK VISIBLE TO EVERYONE IN ROOM.
- 7 ACOUSTIC WALL PANELS, BASIS OF DESIGN: ARMSTRONG FELTWORKS, SIZE: 2'-6" COLOR: DARK GREY FEG01 0-75-NBC 451-LIT.
- 8 NEW ALUMINUM-FRAMED STOREFRONT SYSTEM, B.O.D.: KAWNEER 350.
- 9 NEW ALUMINUM-FRAMED STOREFRONT SWINGING DOOR, B.O.D.: KAWNEER 350.



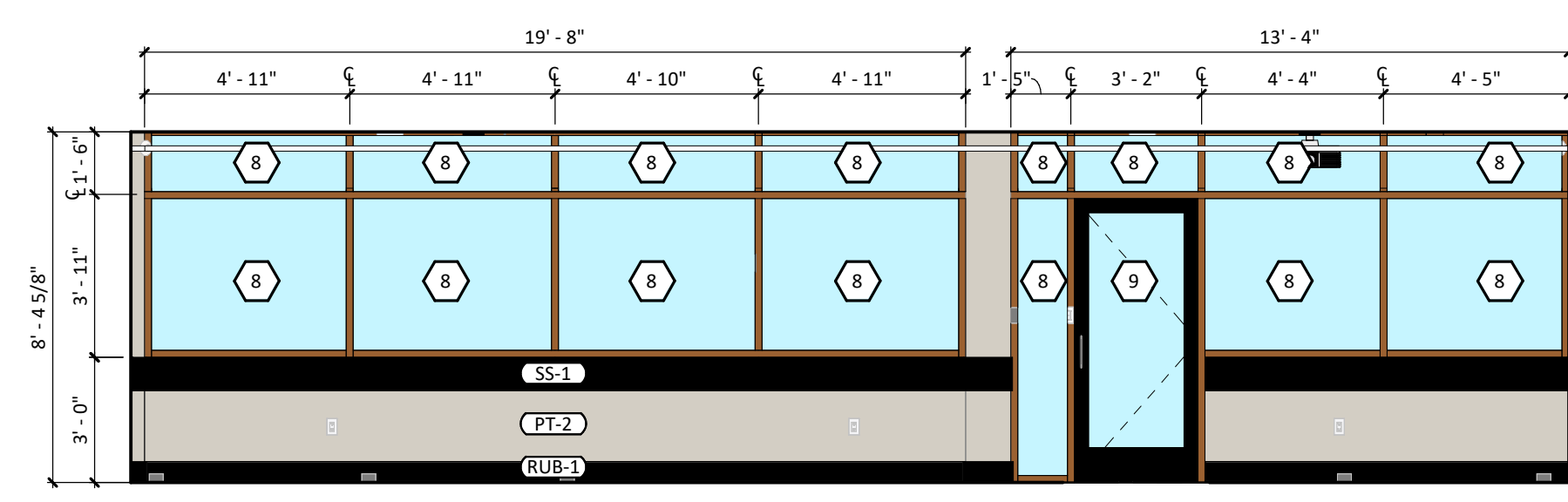
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**REID HALL CLASSROOM RENOVATION
MONTANA STATE UNIVERSITY**
REID HALL,
BOZEMAN, MONTANA 59717
PPA#: 25-1214

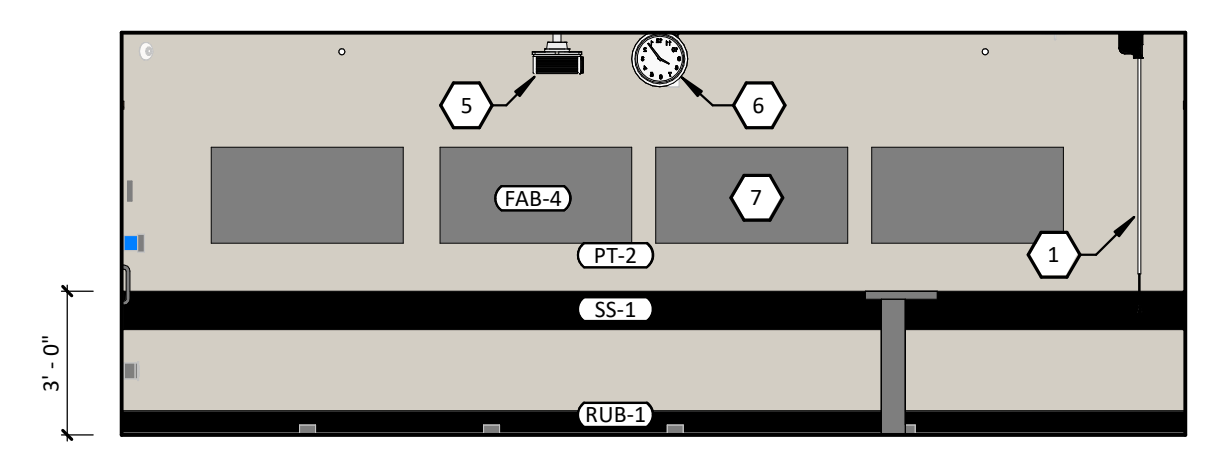
DRAWN: RH	CHECKED: CH
DATE: 12/17/2025	
REVISIONS:	
A	ADDENDUM #1 01/21/26
B	ADDENDUM #3 01/29/26

**126 INTERIOR ELEVATIONS
ALT. #4**

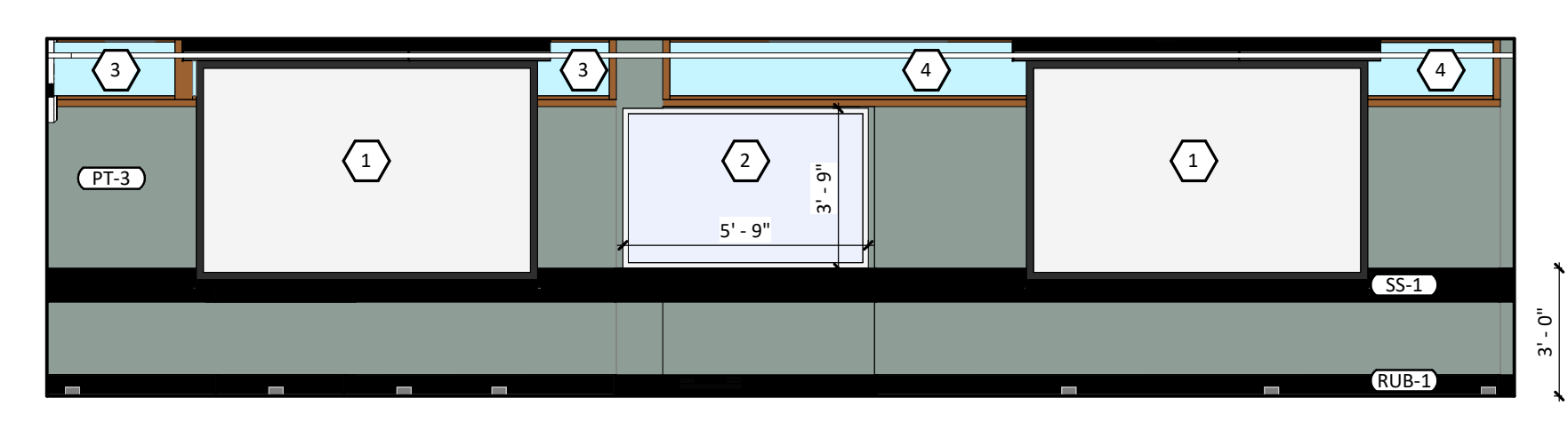
A-215



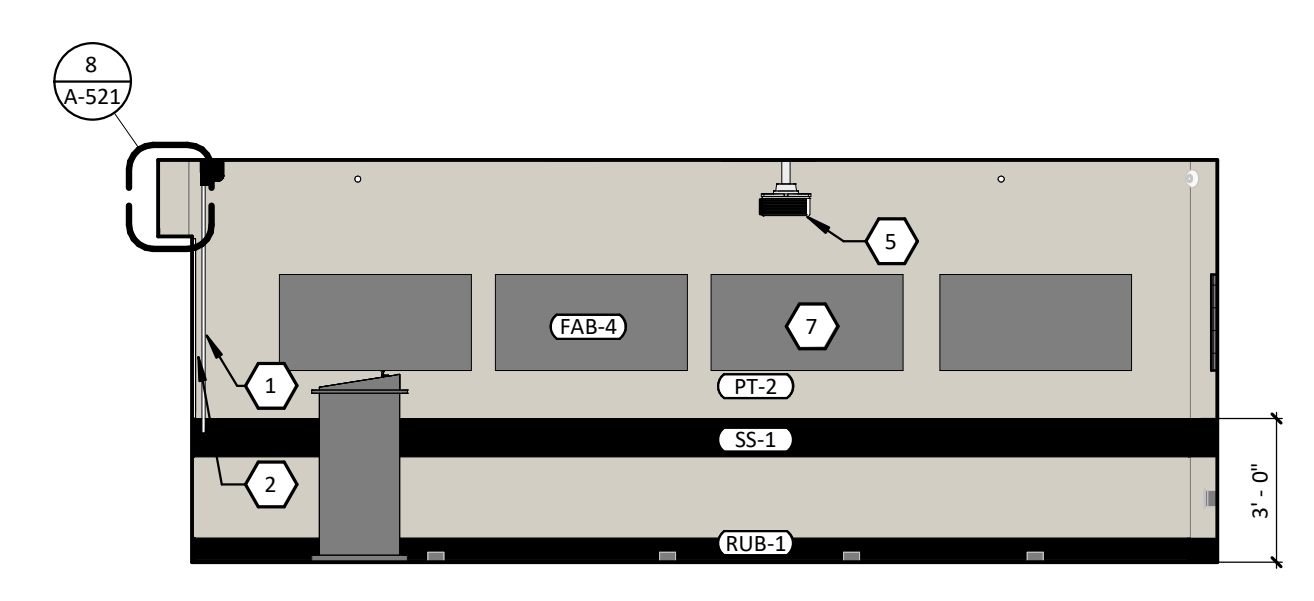
1 126 NORTH INTERIOR ELEVATION ALT. #4
1/4" = 1'-0"



2 126 EAST INTERIOR ELEVATION ALT. #4
1/4" = 1'-0"



3 126 SOUTH INTERIOR ELEVATION ALT. #4
1/4" = 1'-0"



4 126 WEST INTERIOR ELEVATION ALT. #4
1/4" = 1'-0"

PROJECT #/Project Number

DOOR SCHEDULE										
DOOR NO.	FROM	TO	SIZE	FIRE RATING	ELEVATION TYPE	DOOR MAT.	FRAME MAT.	LITE	HARDWARE	REMARKS
1	CLASSROOM 101	CIRCULATION 144	(2) 3' x 6'-10" x 1 3/4"	*	A	WD	WD	QUARTER	HDW-2 DOUBLE ENTRANCE	EXISTING FRAME TO REMAIN, NEW LEAF AND HARDWARE.
2	CLASSROOM 102	CIRCULATION 144	(2) 3' x 6'-10" x 1 3/4"	*	A	WD	WD	QUARTER	HDW-2 DOUBLE ENTRANCE	EXISTING FRAME TO REMAIN, NEW LEAF AND HARDWARE.
3	CLASSROOM 103	CIRCULATION 152	(2) 3' x 6'-10" x 1 3/4"	*	A	WD	WD	QUARTER	HDW-2 DOUBLE ENTRANCE	EXISTING FRAME TO REMAIN, NEW LEAF AND HARDWARE.
4	OUTSIDE 0	CLASSROOM 103	3'-0" x 7'-0" x 1 3/4"	*	B	HM	HM	NONE	HDW-9 EXIT DOOR	EXISTING FRAME TO REMAIN, NEW LEAF AND PANIC HARDWARE.
5	CIRCULATION 105A	CIRCULATION 152	(2) 3' x 6'-10" x 1 3/4"	*	A	WD	WD	QUARTER	HDW-2 DOUBLE ENTRANCE	EXISTING FRAME TO REMAIN, NEW LEAF AND HARDWARE.
6	OUTSIDE 0	CIRCULATION 105B	3'-0" x 7'-0" x 1 3/4"	*	B	HM	HM	NONE	HDW-9 EXIT DOOR	EXISTING FRAME TO REMAIN, NEW LEAF AND PANIC HARDWARE.
7	STAIR 105C	CIRCULATION 152	3'-0" x 6'-10" x 1 3/4"	*	C	WD	WD	NONE	HDW-1 SINGLE ENTRANCE	EXISTING FRAME TO REMAIN, NEW LEAF AND HARDWARE.
8	CLASSROOM SERVICE 106	CLASSROOM 105	3'-0" x 6'-10" x 1 3/4"	*	C	WD	WD	NONE	(none)	EXISTING FRAME, LEAF, AND HARDWARE TO REMAIN. NO CHANGES.
9	CIRCULATION 149	CLASSROOM 126	3'-0" x 6'-8" x 1 3/4"	*	D	WD	WD	QUARTER	HDW-1 SINGLE ENTRANCE	NEW FRAME, LEAF, AND HARDWARE.

AL - ALUMINUM
 HM - HOLLOW METAL, WELDED STEEL
 WD - WOOD
 * - BASED ON REVIEW OF EXISTING DRAWINGS, IT APPEARS THAT THE EXISTING CORRIDOR WALLS DO NOT HAVE A FIRE RATING.

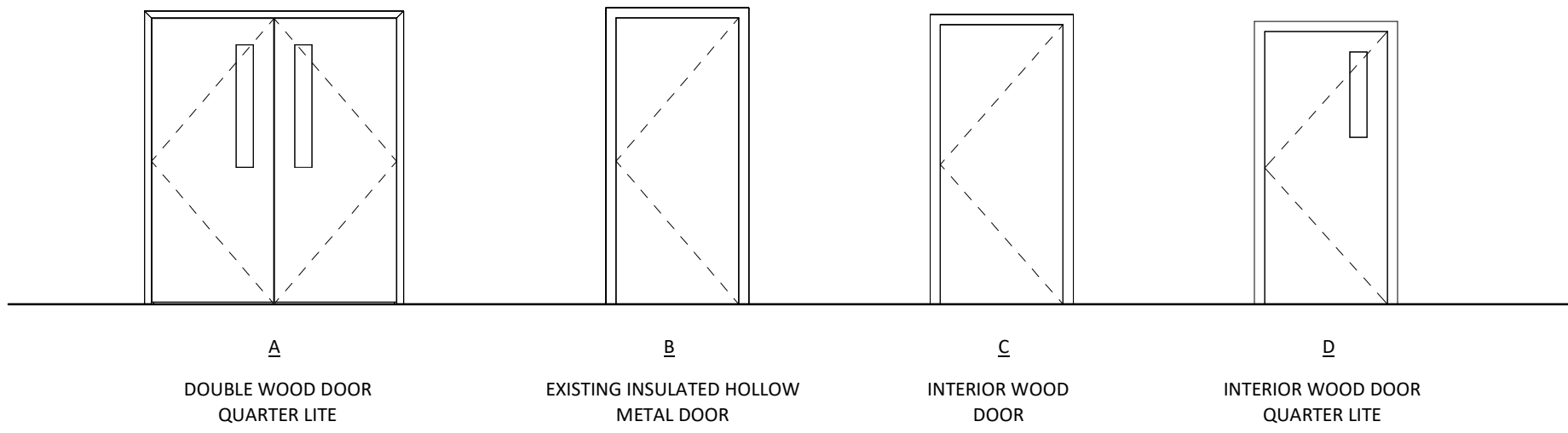
GENERAL NOTES:
1. HARDWARE:
HINGES: BY STANLEY, HAGER OR APPROVED EQUAL.
LOCKS: BY SARGENT, ADAMS-RITE, SCHLAGE OR APPROVED EQUAL.
CLOSER: BY LCN, DORMA OR APPROVED EQUAL.
WEATHERSTRIPPING, THRESHOLD, AND SWEEP: BY PEMKO OR APPROVED EQUAL
KEY SYSTEM: - SARGENT (C1-1) CYLINDERS FOR ALUMINUM ENTRANCES.

2. CONTRACTOR RESPONSIBLE TO NOTIFY DESIGNER OF SUBSTITUTIONS FOR NOTED HARDWARE.
 3. DOOR & DOOR HARDWARE SUBMITTAL REQUIRED.
 4. HOLLOW METAL DOORS: 18 GAUGE METAL, HOLLOW METAL DOOR FRAMES: 16 GAUGE AND WELD UP.
 5. KNOCKDOWN FRAMES: 18 GA

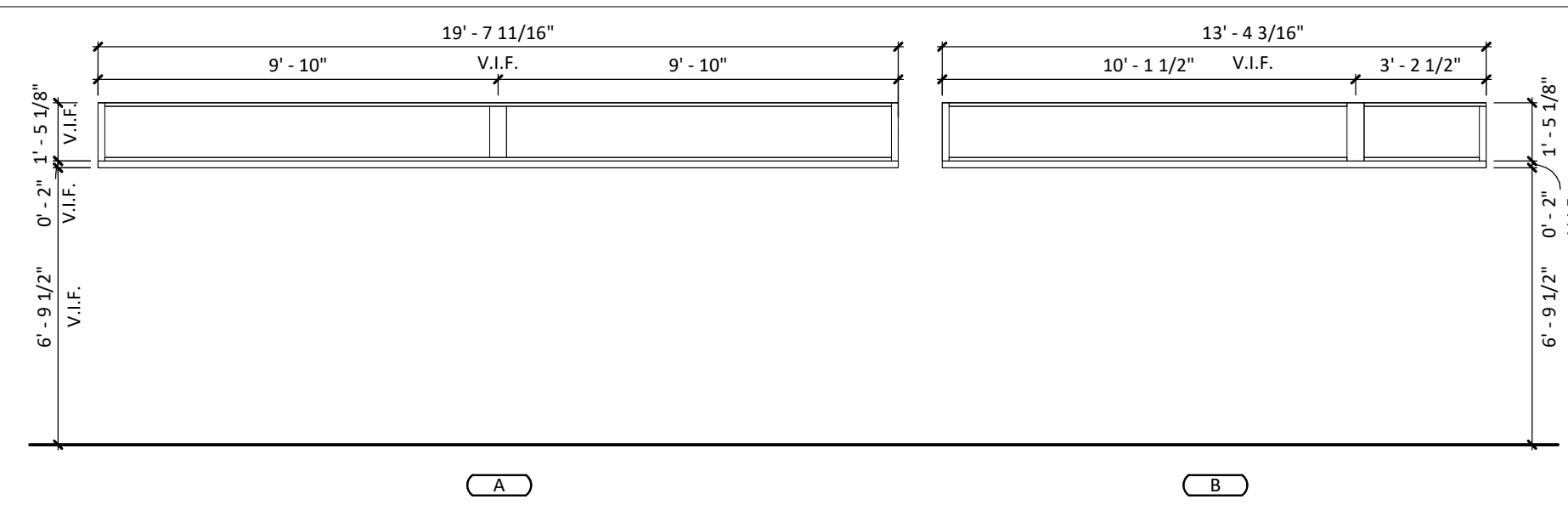
DOOR HARDWARE

HDW	HARDWARE
HDW-1 SINGLE ENTRANCE	RIM EXIT DEVICE 1 CYLINDER LOCK 1 SET PIVOTS 1 CLOSER (specify drop plate if used on medium or narrow style alum. doors) PULL HANDLE 1 THRESHOLD WEATHERSTRIPPING PILE WEATHERING
HDW-2 DOUBLE ENTRANCE	2 RIM EXIT DEVICES 1 CYLINDER LOCK 2 SETS PIVOTS 2 CLOSER (specify drop plate if used on medium or narrow style alum. doors) PULL HANDLES 1 THRESHOLD WEATHERSTRIPPING 2 PILE WEATHERING 1 PAIR FLUSH BOLTS
HDW-9 EXIT DOOR	1 1/2 PR BUTTS 1 RIM EXIT DEVICE 1 CYLINDER LOCK 1 CLOSER 1 PULL HANDLE 1 THRESHOLD 1 SWEEP WEATHERSTRIPPING

HARDWARE NOTE:
 CLASSROOMS ARE ACCESS CONTROLLED AND WILL NEED TO BE REWIRED UPON COMPLETION. ALL HARDWARE AND LOCKS SHOULD BE RETURNED TO ACCESS CONTROL.



1 DOOR LEGEND
 1/4" = 1'-0"



2 TRANSOM WINDOW LEGEND
 1/4" = 1'-0"



BID SET

THE INFORMATION CONTAINED HEREIN IS PROPRIETARY. THIS DOCUMENT MAY NOT BE USED OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF JACKOLA ENGR. & ARCH., P.C.

REID HALL CLASSROOM RENOVATION
MONTANA STATE UNIVERSITY

REID HALL,
 BOZEMAN, MONTANA 59717
 PPA#: 25-1214

DRAWN: KE	CHECKED: CH
DATE: 12/17/2025	
REVISIONS:	
#	ADDENDUM #3
	01/29/26

DOOR AND WINDOW SCHEDULES

A-601