



State of Utah

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GARY R. HERBERT
Lieutenant Governor

Department of Administrative Services

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Executive Director

Division of Facilities Construction and Management

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Director

ADDENDUM #4

Date: November 27, 2007

To: Steve Draper Construction Steve Draper 801-756-7179
Chad Husband Dick Marshall 801-886-1784
Broderick & Henderson Const. Gary Broderick 801-225-4697
Wasatch West Construction Dan Flint 801-677-0303
McCullough Jim 801-466-4989

From: Rick James, Project Manager, DFCM

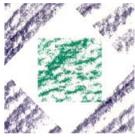
Reference: Fifth Floor Remodel (DHS) – Provo Regional Center
Division of Facilities Construction & Management - Provo, Utah
DFCM Project No. 07156400

Subject: **Addendum No. 4**

Pages	Addendum	1	page
	Architects Addendum	16	pages
	Total	17	pages

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.

- 1.1 **SCHEDULE CHANGES** – There are no changes to the Project Schedule.
- 1.2 **GENERAL** - HFS Architects - Specifications and drawings.

**HFS ARCHITECTS**

329 S. Rio Grande
 Salt Lake City, Utah 84101
 801-596-0691 • Fax: 596-0693 • www.hfsa.com

Addendum No. 04

Project: Fifth Floor Remodel
 Address: 150 East Center Street
 City, State: Provo, Utah 84606
 Owner: DFCM

Date: 26 November 2007
 Project No.: 0724.01
 Owner No.: 07156400
 Agency: Provo Regional Center

To all Bidders of Record:

This addendum forms a part of the contract documents and modifies the original specifications and drawings as noted below. Items of general information are included without reference to the plans and specifications. Revisions to the specifications are referenced by page number and paragraph heading on that page. Revisions to the drawings are reference by the drawing number. Unless otherwise stated, any changes herein offset only the specific drawings, words, or paragraphs mentioned, and the balance of the drawings and specifications remain in full force. Acknowledge receipt of this addendum in the space provided on the Bid form. Failure to do so will subject the Bidder to disqualification.

ARCHITECTURAL ADDENDUM

Item No.	Section or Sheet No.	Description
General Items:		
1 -1	Clarification	Fire sprinklers will have to be modified in the new spaces to meet code requirements, see the attached Mechanical Addendum.
Specifications Items:		
1 -2	08711-13	Replace the Hardware Schedule with the attached revised schedule.
1 -3	08800	Clarification: Add the following glazing types: Type 1: Reflective-coated "one-way" vision glass, fully tempered float glass. (1) Thickness: 6.0 mm (2) Coating: First surface (3) Provide safety glazing labeling Type 2: Clear laminated glass with two plies of heat-strengthened float glass. (1) Thickness of each glass play 6.0 mm (2) Interlayer Thickness: 0.090 inch. (3) Provide safety glazing labeling.
1 -4	09681-3	Part 2, Section 2.1, Para. 1: Add the following: Manufacturer: Lees Carpet Pattern: Cycle Color: To be chosen from standard range. Size: 24"x24"
Drawing Items:		
1 -5	AE101	Door 507A: Replace hardware group 02 with existing.

- | | | |
|-------|-------|---|
| 1 -6 | AE101 | Room east (down) from HR Office 506: Add finish notes B and 2.\ |
| 1 -7 | AE111 | Add note: Patch and repair ceiling in Corridor 501A as required by the relocation of the walls. |
| 1 -8 | AE601 | Detail C3: Add two corbels per window under countertop on corridor side. |
| 1 -9 | AE601 | Door Schedule: Change door frame type on doors 508A, 508B, and 508C from 2 to 1. |
| 1 -10 | AE601 | Detail A3: Add note: Glazing Type 1. |
| 1 -11 | AE601 | Detail B3: Add note: Glazing Type 2. |

Prior Approvals:

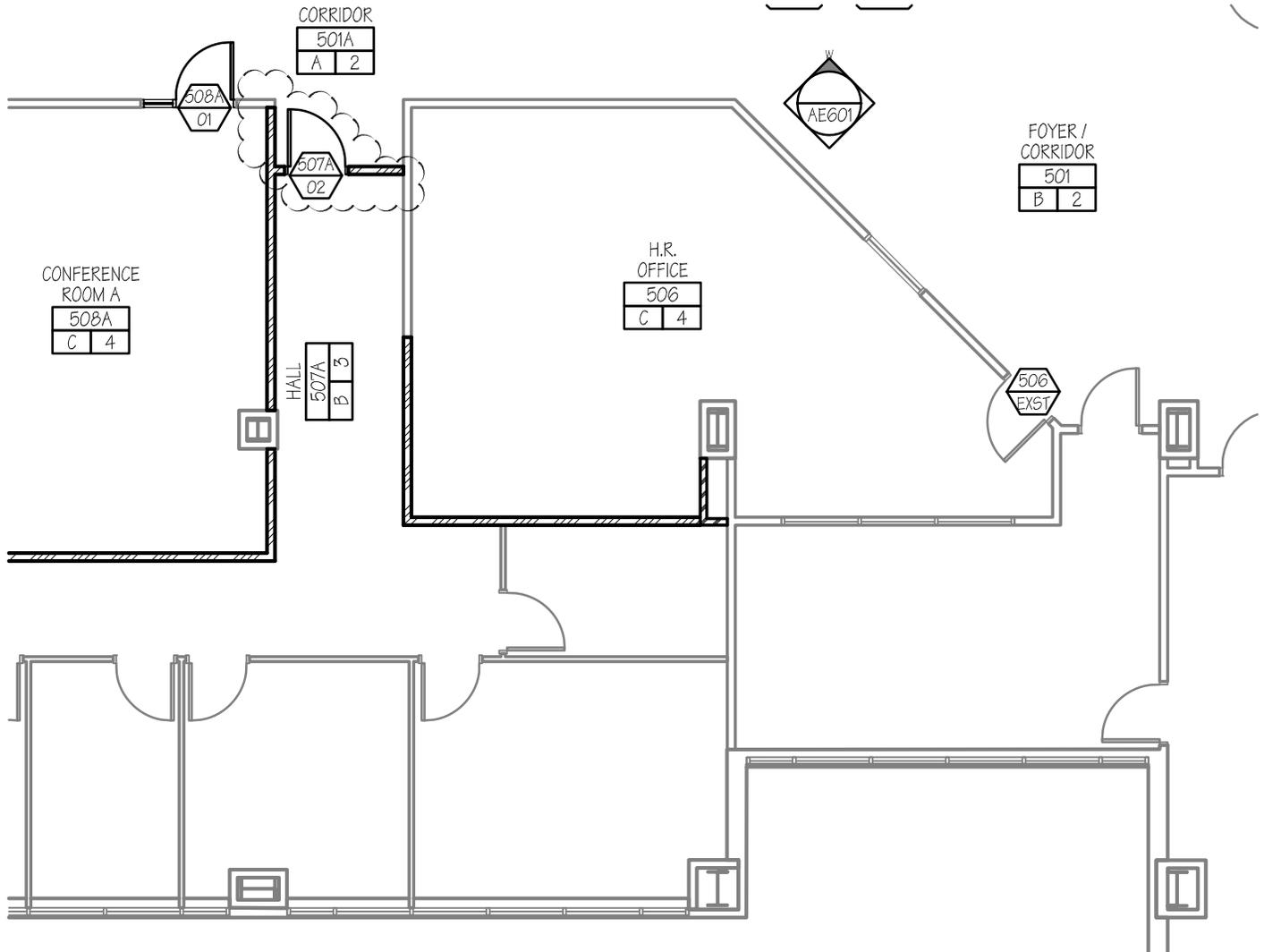
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| 1 -12 | None this addendum |
|-------|--------------------|

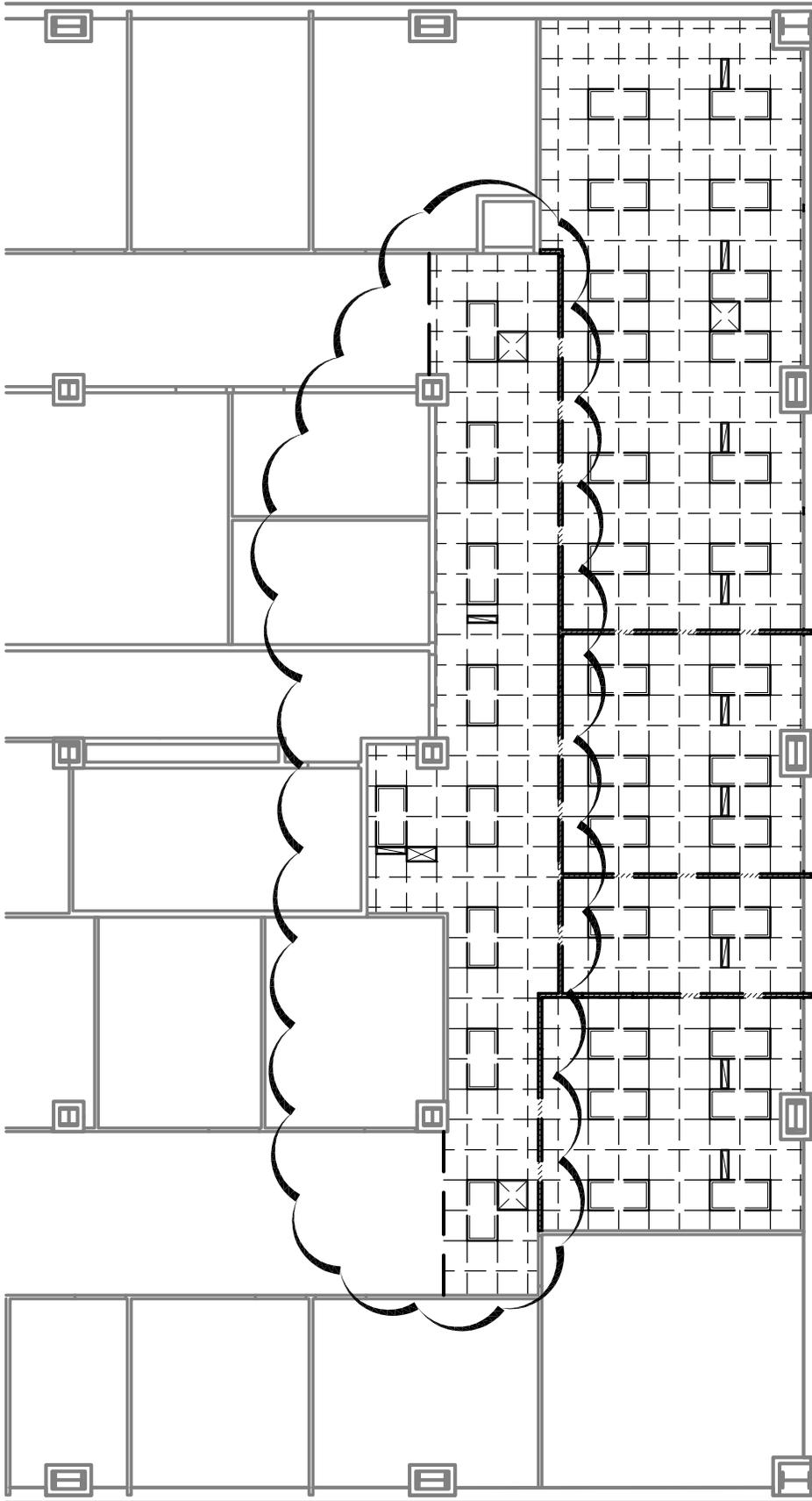
Attachments:

- | | | |
|-------|---------|---|
| 1 -13 | 7 Pages | Architectural Details (2). |
| 1 -14 | 6 Pages | Specification Section 10665 Accordion Folding Partitions. |
| 1 -15 | 1 Pages | Mechanical Addendum. |

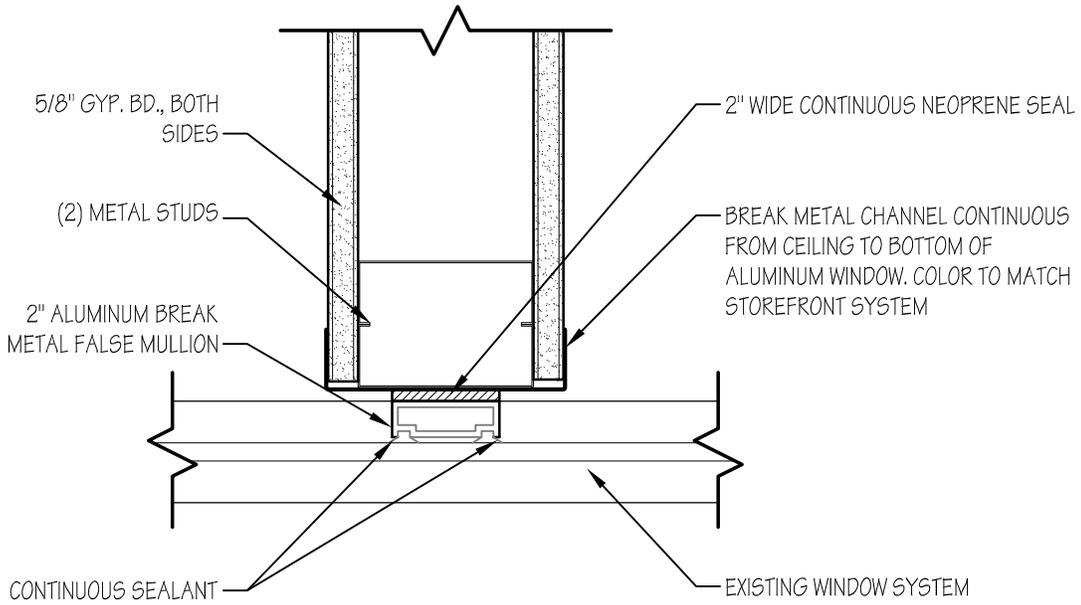
NOTE: THE WALL TYPE OF THE AREA SHOWN IN BUBBLE IS AS FOLLOWS:

NEW ONE-HOUR FIRE RATED WITH
 3-5/8" METAL STUDS & 5/8" GYPSUM BOARD BOATH SIDES CONTINUOUS TO
 DECK ABOVE. SEE ATTACHED DETAIL A1 & D2 FOR HEAD CONDITION





NOTE: AREA SHOWN IN BUBBLE IS TO REMAIN

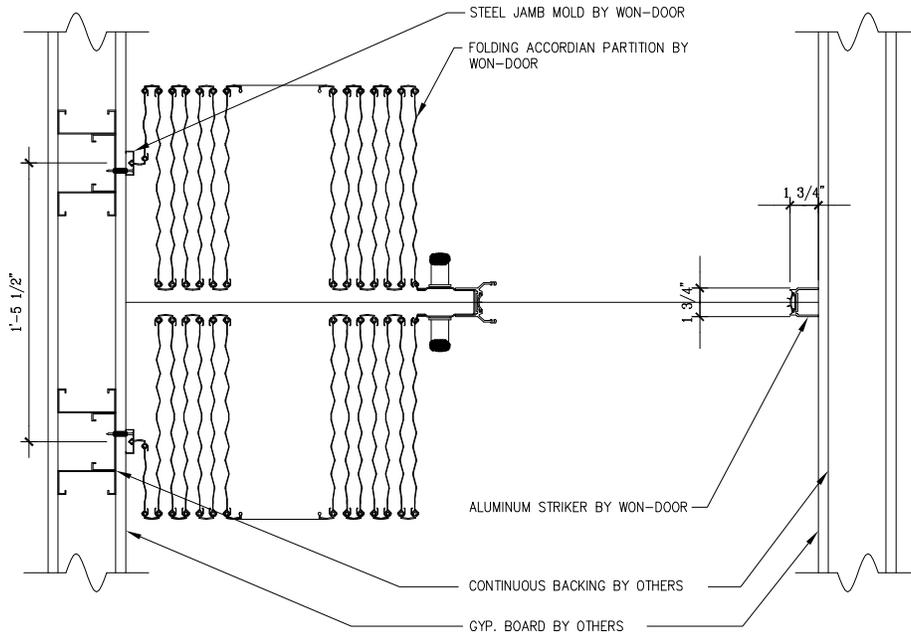


A2

WALL TO MULLION DETAIL

3"=1'-0"



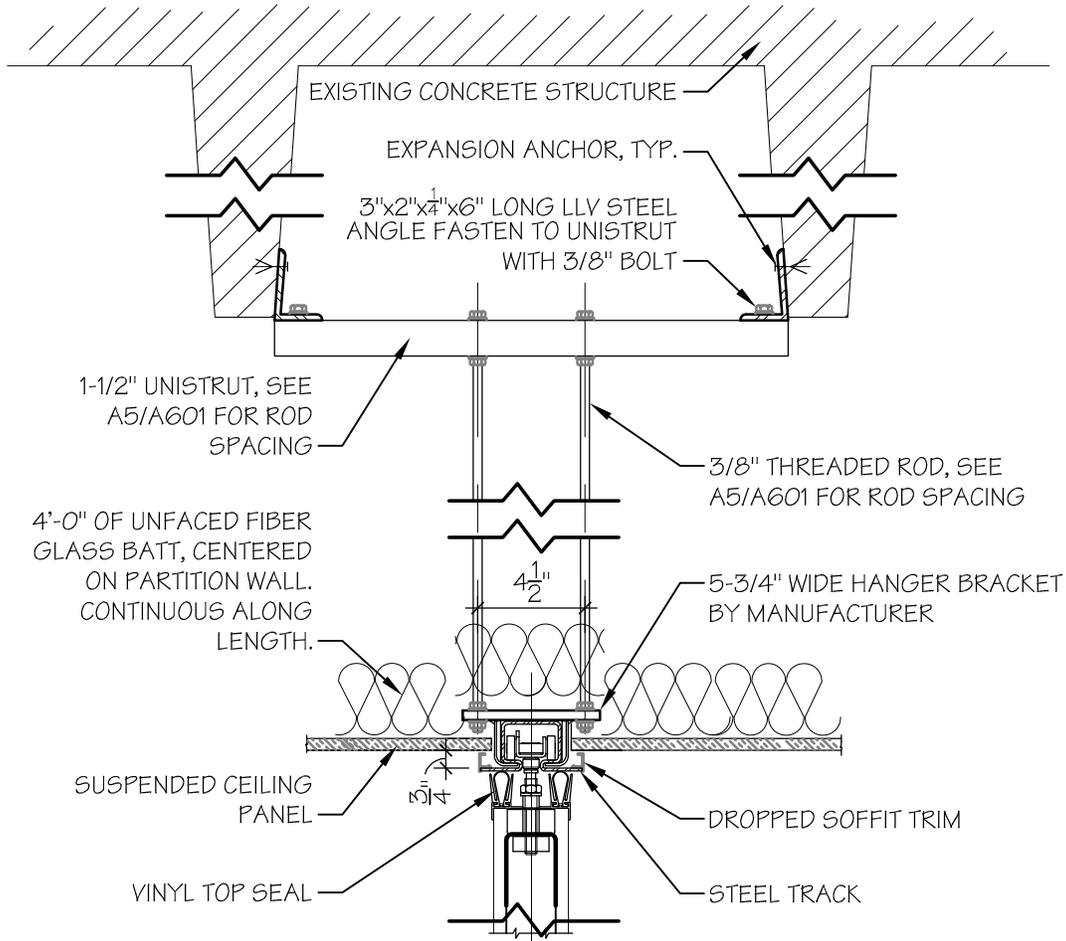


B2

ACCORDIAN DOOR JAMB DETAILS

1"=1'-0"



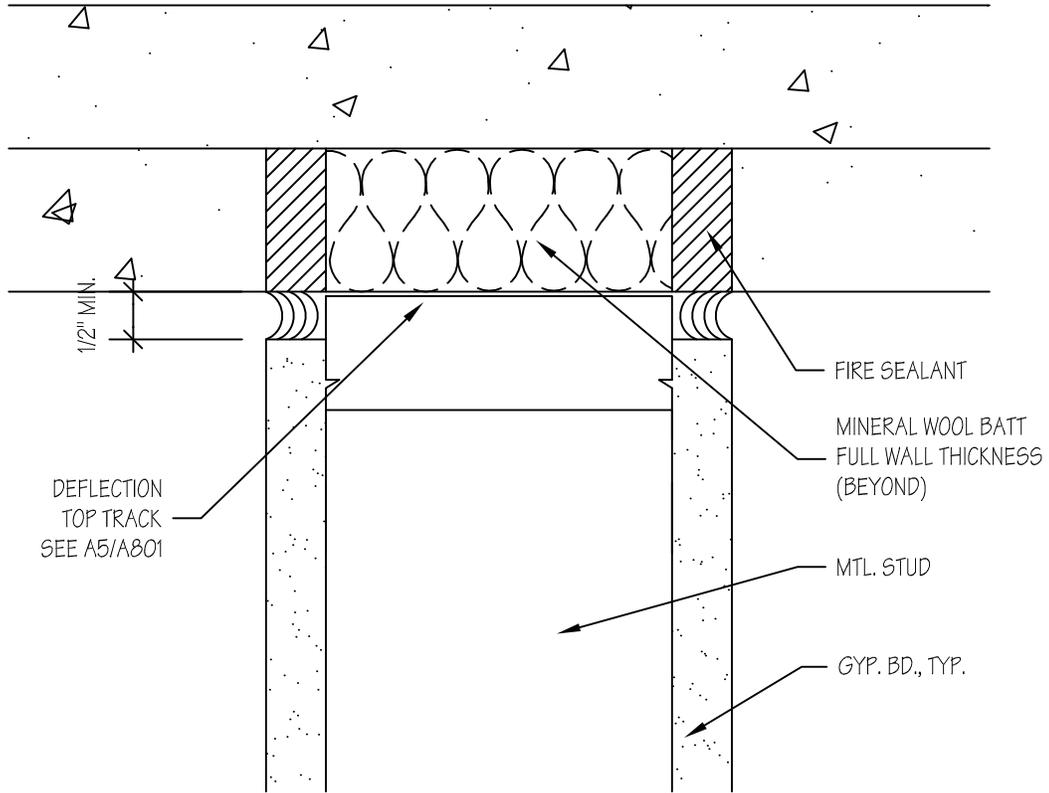


C2

ACCORDIAN DOOR HEAD DETAIL

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



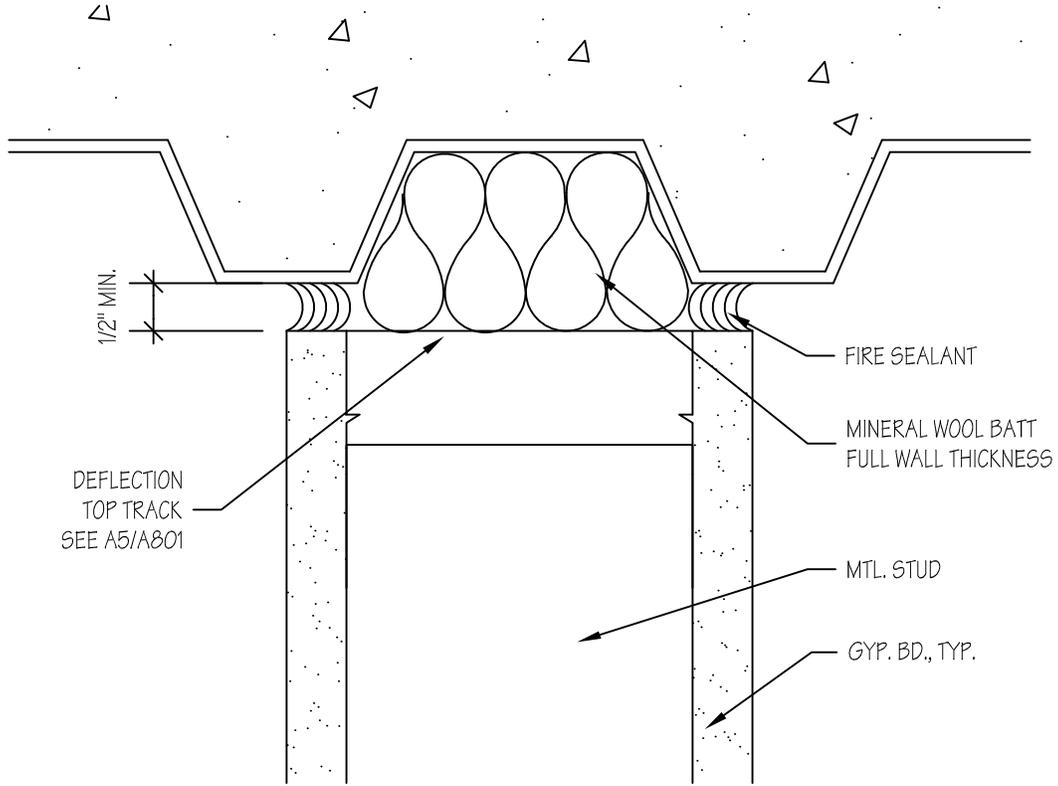


D2

FIRE CAULKING DETAIL

6"=1'-0"





A1

FIRE CAULKING DETAIL

6"=1'-0"



SECTION 10655 - ACCORDION FOLDING PARTITIONS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following:
 - 1. Manually operated, accordion folding partitions.
- B. Related Sections include the following:
 - 1. Division 9 Section "Gypsum Board Assemblies" for sound barrier construction above ceiling at track.

1.3 DEFINITIONS

- A. STC: Sound Transmission Class.

1.4 PERFORMANCE REQUIREMENTS

- A. Seismic Performance: Provide accordion folding partitions capable of withstanding the effects of earthquake motions determined according to ASCE 7, "Minimum Design Loads for Buildings and Other Structures."
- B. Acoustical Performance: Provide accordion folding partitions tested by a qualified testing agency for the following acoustical properties according to test methods indicated:
 - 1. Sound Transmission Requirements: Accordion folding partition assembly tested in a laboratory for sound transmission loss performance according to ASTM E 90, determined by ASTM E 413, and rated for not less than the STC indicated.

1.5 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work.

1. For installed products indicated to comply with design loads, include structural analysis data signed and sealed by the qualified professional engineer responsible for their preparation.
 2. Indicate storage and operating clearances. Indicate location and installation requirements for hardware and track, blocking, and direction of travel.
- C. Coordination Drawings: Reflected ceiling plans, drawn to scale, on which the following items are shown and coordinated with each other, based on input from installers of the items involved:
1. Suspended ceiling components.
 2. Structural members to which suspension systems will be attached.
 3. Size and location of initial access modules for acoustical tile.
 4. Items penetrating finished ceiling, including the following:
 - a. Lighting fixtures.
 - b. Air outlets and inlets.
 - c. Speakers.
 - d. Sprinklers.
 - e. Access panels.
- D. Setting Drawings: For embedded items and cutouts required in other work
- E. Samples for Initial Selection: For each type of finish, covering, or facing indicated.
1. Include similar Samples of accessories involving color selection.
- F. Samples for Verification: For each type of finish, covering, or facing indicated, prepared on Sample of size indicated below.
1. Facing Material: Manufacturer's standard-size unit, not less than 3 inches square.
- G. Product Certificates: For each type of accordion folding partition, signed by product manufacturer.
- H. Material Certificates: For each fabric dye lot, signed by manufacturers.
- I. Qualification Data: For Installer.
- J. Field quality-control test reports.
- K. Product Test Reports: Based on evaluation of comprehensive tests performed by a qualified testing agency, for each accordion folding partition.
- L. Maintenance Data: For accordion folding partitions to include in maintenance manuals.
1. Finish facings and finishes for exposed trim and accessories. Include precautions for cleaning materials and methods that could be detrimental to finishes and performance.
 2. Seals, hardware, track, carriers, and other operating components.
- M. Warranty: Special warranty specified in this Section.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: An employer of workers trained and approved by manufacturer.
- B. Testing Agency Qualifications: An independent agency or an NVLAP-accredited laboratory. NVLAP-accredited laboratories must document accreditation, based on a "Certificate of Accreditation" and a "Scope of Accreditation" listing the test methods specified.
- C. Fire-Test-Response Characteristics: Provide accordion folding partitions with the following fire-test-response characteristics as determined by testing identical products by UL or another testing and inspecting agency acceptable to authorities having jurisdiction:
 - 1. Surface-Burning Characteristics: ASTM E 84.
 - a. Flame-Spread Index: 25 or less.
 - b. Smoke-Developed Index: 450 or less.
- D. Preinstallation Conference: Conduct conference at Project site to comply with requirements in Division 1 Section "Project Management and Coordination."

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Protectively package and sequence accordion folding partitions in order for installation. Clearly mark packages with numbering system used on Shop Drawings. Do not use permanent markings on partitions.

1.8 PROJECT CONDITIONS

- A. Field Measurements: Verify accordion folding partition openings by field measurements before fabrication and indicate measurements on Shop Drawings.

1.9 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of accordion folding partitions that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Faulty operation of accordion folding partitions.
 - b. Deterioration of metals, metal finishes, and other materials beyond normal wear.
 - 2. Warranty Period: One year from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis-of-Design Product: The design for accordion folding partitions is based on Won-Dor "DuraSound". Subject to compliance with requirements, provide the named product or a comparable product by one of the following:
1. Hufcor.
 2. Modernfold, Inc.
 3. Panelfold Inc.

2.2 ACCORDION FOLDING PARTITIONS

- A. Construction: Provide pantograph or hinged-section, accordion folding frame supporting acoustical core and decorative facing/cover, supported by overhead suspension system, designed for horizontal extension and retraction, and reinforced for hardware attachment. Securely attach sound-insulating core and facing/cover to frame. Fabricate partitions rigid; level; plumb; aligned, with tight joints and uniform appearance; and free of deformation and surface and finish irregularities.
1. STC: Not less than 44.
- B. Dimensions: Fabricate accordion folding partitions, from manufacturer's standard sizes, to form an assembled system of dimensions indicated on Drawings and verified by field measurements.
1. Stacked Thickness: Not more than 13 inches.
 2. Extended Thickness: Not more than 7-1/4 inches.
- C. Trim: Manufacturer's standard trim with decorative, protective finish.
- D. Tiebacks: As required to maintain accordion folding partitions in stacked position.

2.3 SEALS AND POSTS

- A. General: Provide types of acoustical seals and posts indicated that produce accordion folding partitions complying with acoustical performance requirements and the following:
1. Seals and posts made from materials and in profiles that minimize sound leakage.
- B. Perimeter Seals and Closures: Manufacturer's standard vinyl or neoprene vertical seals, horizontal top and bottom seals, and closures for lead posts and jambs.
- C. Posts and Jambs: Steel or aluminum; formed with deep-nesting and interlocking interfaces and fabricated to ensure rigidity for accordion folding partition.
1. Lead Posts: For single partition, one post, latching at leading edge.

2.4 HARDWARE

- A. Hardware: Manufacturer's standard manually operated pulls and latches as required to operate accordion folding partitions and as follows; with decorative, protective finish:
 - 1. Latch: Operable from both sides of closed partitions.

2.5 FINISH FACING

- A. General: Provide finish facings that comply with indicated fire-test-response characteristics; factory attached or applied to accordion folding partitions over acoustical core.
 - 1. Apply facings free of air bubbles, wrinkles, blisters, and other defects, with vertical invisible seams, and with no gaps or overlaps. Horizontal seams are not permitted. Tightly secure and conceal raw and selvage edges of facing for finished appearance.
 - 2. Color/Pattern: As selected by Architect from manufacturer's full range.
- B. Vinyl: Manufacturer's standard.

2.6 SUSPENSION SYSTEMS

- A. Suspension Tracks: Steel or aluminum with adjustable steel hanger rods for overhead support, designed for type of operation, size, and weight of accordion folding partition indicated. Size track to support partition operation and storage without damage to suspension system, accordion folding partitions, or adjacent construction. Limit track deflection, independent of structural support, to no more than 80 percent of bottom clearance. Provide a continuous system of track sections and accessories to accommodate configuration and layout indicated for partition operation and storage.
 - 1. Track: Recessed.
 - a. Head Closure Trim: Integral with track for protecting overhead surfaces.
- B. Carriers: Trolley system as required for size and weight of partition and for easy, quiet operation; with manufacturer's standard ball-bearing carriers at lead post and manufacturer's standard ball-bearing carriers at intermediate panel supports.
 - 1. Wheels: Manufacturer's standard.
- C. Aluminum Finish: Mill finish or manufacturer's standard, factory-applied, decorative finish, unless otherwise indicated.
- D. Steel Finish: Factory-applied, corrosion-resistant, protective coating, unless otherwise indicated.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine flooring, structural support, and opening, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of accordion folding partitions.
 - 1. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. General: Comply with accordion folding partition manufacturer's written installation instructions.
- B. Install accordion folding partitions and accessories after other finishing operations, including painting, have been completed.

3.3 ADJUSTING

- A. Adjust accordion folding partitions to operate smoothly, without warping or binding. Lubricate hardware and other moving parts.

3.4 CLEANING

- A. Clean soiled surfaces of accordion folding partitions, to remove dust, loose fibers, fingerprints, adhesives, and other foreign materials according to manufacturer's written instructions.

3.5 DEMONSTRATION

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain accordion folding partitions.

END OF SECTION 10655



Celebrating Success Since 1972

ADDENDUM

DATE: November 20, 2007
 PROJECT NO: 7279
 PROJECT: Provo Regional Center 5th
 Floor Remodel

DIVISION - 15

DRAWINGS

SHEET - M101 Fifth Level Mechanical Plan

1. Revise existing fire sprinkler head locations and provide additional heads and piping as required to accommodate the new partition layout. Provide hydraulic calculations and shop drawings submitted to the Engineer and the Fire Marshal for all new work. Provide all work in accordance with the requirements of NFPA 13.
2. Locate one of the return air grilles shown in Observation Room B 504 in DHS Reception 505.

SPECIFICATIONS

SECTION - 230900 Automation System

1. The existing automation system was installed by Utah Controls.

PRIOR APPROVALS

The following manufacturers, trade names and products are allowed to bid on a name brand only basis with the provision that they completely satisfy all and every requirement of the drawings, specifications and all addenda shall conform to the design, quality and standards specified, established and required for the complete and satisfactory installation and performance of the building and all its respective parts.

<u>Item</u>	<u>Manufacturer</u>	<u>Comments</u>
Registers, Grilles and Ceiling Diffusers	Carnes	Approved
Variable Air Volume Boxes	Carnes	Approved
Registers, Grilles and Ceiling Diffusers	Tuttle & Bailey	Approved
Flexible Duct	Hart & Cooley	Approved
High Efficiency Take-Offs	Clifco, Hercules	Approved

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