Addendum 01

DOCUMENT 00 9100

DATE: December 12, 2025

PROJECT: DeKalb County Central United School District
Window and Door Replacement
3326 County Road 427, Waterloo, Indiana 46793
2424 County Road 427, Waterloo, Indiana 46793
2410 County Road 10, Ashley, Indiana 46705

PROJECT #: 25022.00

OWNER: DeKalb County Central United School District
Contact: Matt Vince
3326 County Road 427
Waterloo, Indiana 46793

ARCHITECT: Garmann Miller
38 South Lincoln Drive
P.O. Box 71
Minster, Ohio 45865

TO: Prospective Bidders

This addendum form is a part of the Contract Documents and modifies the Bidding Documents dated November 14, 2025 with amendments and additions noted below.

Acknowledge receipt of this Addendum on the Bid Form. Failure to do so may disqualify the Bidder.

This addendum consists of 3 pages, 5 specification sections, 5 re-issued drawing sheets, and XX exhibits.

FOR INFORMATION ONLY

1. Pre-bid meeting minutes and the pre-bid meeting sign-in sheet are attached.

GARMANN MILLER

CHANGES TO THE PROJECT MANUAL

1. Section 00 11 13 Advertisement For Bids
   a. Refer to attached section.
2. Section 00 41 13 Bid Form
   a. Changed the owner desired completion date to August 3rd, 2026
3. Section 08 33 23 Overhead Coiling Doors
   a. Refer to attached section
4. Section 08 36 13 Sectional Doors, Article 2.01 Manufacturers
   a. Added Raynor Garage Doors
5. Section 08 43 13 Aluminum Framed Storefronts
   a. Added Dark Bronze as the color selected
6. 08 80 00 Glazing, Article 2.04 Insulating/Exterior Glass Units, Paragraph B EG-1, Subparagraph 12 Glazing Film
   a. Added film to the EG-1

CHANGES TO THE DRAWINGS

1. Drawing Sheet HS-AD1.0 Second Floor Demolition Plan - Overall
   a. Removed all scope of work from sheet.
2. Drawings Sheet HS-A1.0b Second Floor Plan – Overall
   a. Removed all scope of work from sheet.
3. Drawing Sheet HS-A6.1 Door Schedule, Window & Storefront Elevations, & Details
   a. Refer to drawings for all changes
4. Drawing Sheet CM-A1.4 First Floor Demolition and Floor Plan-Unit D: Detail 2 First Floor Plan: Refer to drawing for change
5. Drawing Sheet CM-A6.1 Door Schedule:
   a. Refer to drawing for change

ATTACHMENTS

The following attachments are included and are part of this addendum:

Pre-bid meeting minutes and the pre-bid meeting sign-in sheet.

Specification Sections 00 11 13, 00 41 13, 08 33 23, 08 43 13, and 08 80 00.

Drawing Sheets HS-AD1.0, HS-A1.0b, HS-A6.1, CM-A1.4, and CM-A6.1

END OF ADDENDUM

GARMANN MILLER

GARMANN MILLER

Pre-bid meeting

Project name	DEKALB COUNTY CENTRAL UNITED SCHOOL DISTRICT WINDOW AND DOOR REPLACEMENT	GM project no.	25022.00
Meeting date	12/05/2025	Meeting location	Waterloo, Indiana

Outline- Meeting Minutes in Red.

1. Attendees: Sign-in sheet
2. Introductions
3. Project overview
    a. Bid Package
        i. General Construction
            1. High School: 3424 County Road 427, Waterloo, IN 46793:
                a. Scope includes, but is not limited to, replacement of storefronts, doors, and second-floor windows.
            2. Middle School: 3338 County Road 427, Waterloo, IN 46793:
                a. Scope includes, but is not limited to, replacement of storefronts and doors, both interior and exterior.
            3. Country Meadows: 2410 County Road 10, Ashley, IN 46705:
                a. Scope includes, but is not limited to, replacement of exterior hollow metal frames and doors.
            4. Central Office: 3326 County Road 427, Waterloo, IN 46793:
                a. Scope includes, but is not limited to, replacement of exterior hollow metal frames and doors.
        ii. Electrical Work
            1. Disconnect and reconnect power, security, access control, and fire alarm as required for the installation of new storefronts and doors.
        iii. Technology
            1. Disconnect and reconnect cabling as required for the installation of new storefront systems and doors across all building sites.
4. Bidding
    a. Bid Opening Date: **Wednesday, December 17th, 2025, at 10:00 am.** Concerns with the opening date, but ownership would like to keep this date as it will then push into the Christmas Holiday.
    b. Location:
    DeKalb County Central United School District Central Office 3326 County Road 427, Waterloo, Indiana 46793
    c. Use the bid form provided and write the company's name at the bottom.
5. Bid categories
    a. Lump Sum General Contract
        i. Estimate of Construction Work: $1,500,000.00

b. General Contractor is responsible for securing necessary subcontractors.
c. Proposals shall be for the furnishing of materials and the performance of labor necessary for all project locations and scopes of work.

6. Alternates

i. Alternate No. 01 - High School interior storefronts:

1. Alternate Bid: Description: Demo existing interior storefronts and doors as shown on drawings. Provide new storefront and doors as shown on drawings.
2. Base Bid Item: Interior storefronts and doors are to remain.

ii. Alternate No. 02 - High School Overhead Door (OHD) and Coiling Doors (CD):

1. Alternate Bid: Demo existing OHD and CD as shown on drawings. Provide new OHD and CD as shown on drawings
2. Base Bid: Existing OHD and CD are to remain.

iii. Alternate No. 03 - Middle School Faculty Dining Interior Storefronts:

1. Alternate Bid: Demo existing interior faculty dining storefronts. Provide new storefronts and blinds.
2. Base Bid: Existing storefronts and blinds to remain.

7. Contingency amounts to be included in the bid
   a. Contingency Allowance: Single Prime Contract - A; Include the stipulated sum/price of $37,500.00 for use upon Owner's instructions.
   b. Contingency is separate from the alternate list.

8. Contracts will be administered by Garmann Miller
   a. All questions and correspondence to go through Garmann Miller
   b. All RFIs to go through Garmann Miller
   c. Pay applications to go to Garmann Miller
   d. Garmann Miller will schedule a preconstruction meeting with the contractors after the notice of award
      i. Construction may not begin without receipt of an approved Declaration of Insurance from each contractor
      ii. Progress Meetings during construction: Bi-weekly

9. Schedule
   a. Tentative award date / Notice to Proceed – December 2025
   b. Start of construction – **January 2026**
      i. Completion date – **July 2026**
      ii. Liquidated Damages
         1. Contract A: $2,000.00 per day
   c. The owner would like projects completed sequentially as much as possible.
   d. Concerns about lead times on the windows and doors timeline. The owner is willing to move the completion date to August 3rd.

10. General conditions
    a. General Contractor
       i. Responsible for the construction schedule and general supervision
       ii. Submit preliminary schedule 10 days after notice to proceed

iii. Responsible for scheduling and administering job meetings; preparing the agenda, responsible for meeting minutes, and distributing copies

b. Temporary telecommunications services.
c. Temporary Controls: Barriers and enclosures.
d. Security requirements.
e. Vehicular access and parking.
f. Waste removal facilities and services.
g. Field offices.
h. Removal of utilities, facilities, and controls

11. Substitution request by 10 days prior to bid.
    a. Requests due to Garmann Miller by the end of the day Monday, December 8th, 2025.
    b. Substitutions to be submitted per requirements on project manual section 01 60 00 – 3, titled SUBSTITUTION LIMITATIONS.

12. Addenda Schedule
    a. RFIs comments due – 12/09/2025
    b. Addendum 01 – 12/12/2025

13. Correspondence
    a. Correspondence to run through the Garmann Miller
        i. Architectural/ General – **Derek Luth (dluth@creategm.com)**
        ii. Construction Administrator – **Tim Hines (thines@creategm.com) & Luke Baucher (lbaucher@creategm.com)**
        iii. Matt Vince Cell phone: 260-413-2608

14. Site Walk Meeting Minutes:

Keying is per CIH drawings and door hardware sets.
Questions on clear anodized vs bronze- Paint

- Storefront will be dark bronze anodized, FRP doors are to be dark bronze, and interior door frames will be painted black to match the adjacent existing.

Constructability questions on the windows at the high school. Scope to be revised as part of the addendum.

GARMANN MILLER

Sign-in Sheet

Project Name	DCCUSD- Window & Door Replacement	GM Project No.	25022.00
Meeting Location	3326 Co Rd 427, Waterloo, IN 46793	Meeting Date	12/05/25

Purpose Pre-Bid Meeting

Attendees

☑	Name	Derek Luth	Phone 614-601-2509
	Business/Title	Garmann Miller / Project Manager & Co-Director of Operations- Ft. Wayne	
	Email	dluth@creategm.com	
☑	Name	Zane Wicker	Phone
	Business/Title	Garmann Miller / Project Architect	
	Email	zwicker@creategm.com	
☑	Name	Tim Hines	Phone (260) 349-5251
	Business/Title	Garmann Miller / Construction Administer	
	Email	thines@creategm.com	
☑	Name	Luke Baucher	Phone (419) 733-7576
	Business/Title	Garmann Miller / Construction Administer	
	Email	lbaucher@creategm.com	
☑	Name	Mark Rohm	Phone 260-920-1150
	Business/Title	CFO/COO - DeKalb Central USD	
	Email	-	
☑	Name	Matt Vince	Phone 260-920-1011 Ext. 1750
	Business/Title	Facility Director - DeKalb Central USD	260-413-2608
	Email	-	
☐	Name	ROBB FULTZ	Phone (260) 437-1774
	Business/Title	ACB	
	Email	rfultz@acbgeneralcontractor.com	
☐	Name	Paul Wybo	Phone 260-402-1428
	Business/Title	ACB	
	Email	pwybo@acbgeneralcontractor.com	

GARMANN MILLER

☐	Name: TERRY FACKLER	Phone: 260-504-6568
	Business/Title: PROJECT MANAGER	
	Email: terry@JTContracting IIC.com	
☐	Name: Holly Hunter Ilfes	Phone: 260.4233577
	Business/Title: Hamilton Hunter Bldrs	
	Email: hhunter@hamiltonhunterbuilders.com	
☐	Name: BRENT MUHLENKAMP	Phone: 419-678-2000
	Business/Title: MUHLENKAMP BUILDING CORP	
	Email: brent-mbc@bright.net	
☐	Name: Christopher Jacob	Phone: 419 217 7025
	Business/Title: Project Specialist Capitol Aluminum and Glass	
	Email: chrisj@capitol-windows.com	
☐	Name: Tyler Gibson	Phone: 260-241-3548
	Business/Title: Weigand Construction	
	Email: tgibson@weigandconstruction.com	
☐	Name: Nathan Menear	Phone: 260-445-6062
	Business/Title: FCI Construction	
	Email: nmenear@fci.construction	
☐	Name: DAN KOVAS	Phone: 574-904-8278
	Business/Title: L2 Architectural Products, LLC	
	Email: dan@L2ARC.com	
☐	Name:	Phone:
	Business/Title:	
	Email:	
☐	Name:	Phone:
	Business/Title:	
	Email:	
☐	Name:	Phone:
	Business/Title:	
	Email:	

SECTION 00 11 13 - ADVERTISEMENT FOR BIDS

Sealed proposals will be received by DeKalb CCUSD at, 3326 County Road 427, Waterloo, Indiana 46793, until December 17th 10:00 AM, at which time and place proposals will be opened publicly and read aloud. Proposals received after December 17th 10:00 AM will be returned unopened. Proposals shall be for the furnishing of materials and the performance of labor necessary for the:

25022.00 - DeKalb CCUSD Windows and Doors

3326 County Road 427

Waterloo, Indiana, 46793

All in accordance with the Contract Documents prepared by Garmann/Miller & Associates, Inc.,

Minster, OH | Columbus, OH | Indianapolis, IN | Fort Wayne, IN

A Lump Sum bid for the project will be received.

A prebid meeting will be held at 1:00 PM on December 5th at DCCUSD Central Office. The pre-bid meeting is not mandatory but bidders are strongly encouraged to attend. The facility will be open for inspection at this time. For additional visits outside the designated time listed above, contact Matthew Vince; mvince@dekalbcentral.net.

A Bid Securtiy in the form of a certified check payable to the **DeKalb County Central United School District** or surety company Bid Bond issued by a company authorized to do business in the State of Indiana, in the amount of ten percent (10%) of the total Bid shall accompany each Bid.

The Contract Documents, including Drawings and Specifications, are on file for public inspection at the office of the Architect: Garmann/Miller & Associates Inc., Phone 419-628-4240: the office of the DeKalb CCUSD; Construction News Corporation, the McGraw Hill-Dodge Plan Room, the Builders Exchange and iSqFt.

Contract Documents may be purchased from Eastern Engineering Plan Room, 1239 North Wells Street, Ft. Wayne, Indiana 46808; www.easternengineering.com; Phone 866-782-4115. Each Bidder is responsible for shipping cost or providing a shipping number for billing to the bidders account.

Each Bid must be submitted on Indiana Sate Board of Accounts Form 96 (Current Revision) and include any additional form furnished by the Architect, in a saled envelope. mark plainly on the outside of the envelope, the project you are bidding on. No Bidder may withdraw their Bid for a period of sixty (60) days after the Bid opening.

The Owner reserves the right to reject any or all bids and to waive informalities, irregularities and/or errors in the bids to the extent permitted by law. This includes the right to extend the date and time for receipt of bids.

This notice is posted on the DeKalb CCUSD web site.

Notice can be accessed at: www.dekalbcentral.net.

The Date of this notice: November, 18 2025

By: DeKalb CCUSD

3326 County Road 427

Waterloo, Indiana 46793

This page intentionally left blank

SECTION 00 41 13 - BID FORM

THE PROJECT AND THE PARTIES

TO:

DeKalb CCUSD
3326 County Road 427
Waterloo, Indiana46793

FOR:

Project: 25022.00 - DeKalb CCUSD Windows and Doors

Project Number: 25022.00
3326 County Road 427
Waterloo, Indiana46793

DATE: _____ (Bidder to enter date)

SUBMITTED BY:

Bidder's Full Name: _____

Address: _____

City, State, Zip: _____

Telephone:_____

Fax No.: _____

E-mail: _____

OFFER

Having examined the Place of The Work and all matters referred to in the Instructions to Bidders and the Contract Documents prepared by Garmann/Miller & Associates Inc. for the above mentioned project, we, the undersigned, hereby offer to enter into a Contract to perform the Work for the Sum of:

Item 1 - High School, General Construction - Base Bid:

_____

_____ dollars

All Cash and Contingency Allowances described in Section 01 21 00 are included in the Bid Sum.

Item 1a - Alternate 01 - High School Interior Storefronts:

If Alternate 01 is accepted, add:

_____

_____ dollars

Item 1b - Alternate 02 - High School Overhead Door (OHD) & Coiling Doors (CD):

If Alternate 02 is accepted, add:

_____

_____ dollars

Item 2 - Middle School, General Construction - Base Bid:

_____

_____ dollars

All Cash and Contingency Allowances described in Section 01 21 00 are included in the Bid Sum.

Item 2a - Alternate 03 - Middle School Faculty Dining Interior Storefronts:

If Alternate 3 is accepted, add:

_____

_____ dollars

Item 3 - Country Meadows Elementary, General Construction - Base Bid:

_____

_____ dollars

All Cash and Contingency Allowances described in Section 01 21 00 are included in the Bid Sum.

Item 4 - Central Offices, General Construction - Base Bid:

_____

_____ dollars

All Cash and Contingency Allowances described in Section 01 21 00 are included in the Bid Sum.

Item 5 - Combined Bid:

All bidders required to give a combined number for all buildings.

Combined Base Bid Amount:

_____

_____ dollars

All Cash and Contingency Allowances described in Section 01 21 00 are included in the Bid Sum.

We have included the Bid Bond or security deposit as required by the Advertisement, Notice to Bidders, Instructions to Bidders.

This is a Tax Exempt Project.

Builders Risk Insurance is to be furnished by the Owner.

ACCEPTANCE

This offer shall be open to acceptance and is irrevocable for sixty days from the bid closing date.

If this bid is accepted by Owner within the time period stated above, we will:

Execute the Agreement within ten (10) days of receipt of Notice of Award.
Commence work within ten (10) days after written Notice to Proceed of this bid.

If this bid is accepted within the time stated, and we fail to commence the Work or we fail to provide the required Bond(s), the security deposit shall be forfeited as damages to Owner by reason of our failure, limited in amount to the lesser of the face value of the security deposit or the difference between this bid and the bid upon which a Contract is signed.

In the event our bid is not accepted within the time stated above, the required security deposit shall be returned to the undersigned, in accordance with the provisions of the Instructions to Bidders; unless a mutually satisfactory arrangement is made for its retention and validity for an extended period of time.

CONTRACT TIME

Owners desired start date: January, 1st, 2026

Owners desired completion date: **August, 3rd, 2026**

If this Bid is accepted, we will:

Complete the Work by **August, 3rd, 2026** or at an earlier date of _____ (Bidder to enter completion date or time frame prior to completion date listed.)

ADDENDA

The following Addenda have been received. The modifications to the Bid Documents noted below have been considered and all costs are included in the Bid Sum.

Addendum # _____ Dated _____.
Addendum # _____ Dated _____.
Addendum # _____ Dated _____.
Addendum # _____ Dated _____.

BID FORM SUPPLEMENTS

Bid Bond

Noncollusion Affidavit

Contractor's Affidavit

BID FORM SIGNATURE(S)

_____

(Bidder - print the full name of your firm)

was hereunto affixed in the presence of:

_____

(Authorized signing officer)

_____

(Authorized signing officer, Title)

SEALED SUBMISSION:

Bid is to be submitted in Duplicate.

Bid is to be submitted in a sealed envelope containing bid and bid form supplements and addressed as follows:

Prime Contract Bid for:
DeKalb CCUSD
3326 County Road 427
Waterloo, Indiana 46793

END OF BID FORM

SECTION 08 33 23
OVERHEAD COILING DOORS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Overhead coiling doors, operating hardware, fire-rated, non-fire-rated, and exterior; electrically operated.

B. Wiring from electric circuit disconnect to operator to control station.

1.02 RELATED REQUIREMENTS

A. Section 07 92 00 - Joint Sealants: Sealing joints between frames and adjacent construction.

B. Section 08 71 00 - Door Hardware: Cylinder cores and keys.

C. Section 09 91 13 - Exterior Painting: Field paint finish.

D. Section 09 91 23 - Interior Painting: Field paint finish.

1.03 REFERENCE STANDARDS

A. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2020.

B. ITS (DIR) - Directory of Listed Products; current edition.

C. UL (DIR) - Online Certifications Directory; Current Edition.

D. UL (EAUED) - Electrical Appliance and Utilization Equipment Directory; Underwriters Laboratories Inc.; current edition.

1.04 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.

B. Product Data: Provide general construction, electrical equipment, and component connections and details.

C. Shop Drawings: Indicate pertinent dimensioning, anchorage methods, hardware locations, and installation details.

D. Samples: Submit two slats, height of slat x 6 inch in size illustrating shape, color and finish texture.

E. Manufacturer's Installation Instructions: Indicate installation sequence and procedures, adjustment and alignment procedures.

F. Maintenance Data: Indicate lubrication requirements and frequency and periodic adjustments required.

1.05 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum five years of documented experience.

1.06 REGULATORY REQUIREMENTS

A. Conform to applicable code for fire rated openings.

B. Provide products listed and labeled by UL as suitable for the purpose specified and indicated.

C. Provide certificate of compliance from authority having jurisdiction indicating approval of fire rated units and operating hardware assembly.

D. Products Requiring Electrical Connection: Listed and classified by ITS (DIR), UL (DIR), or testing firm acceptable to authorities having jurisdiction as suitable for purpose specified.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Overhead Coiling Doors:
   1. Basis of Design Manufacturer:
      a. Clopay Building Products
   2. Acceptable Manufacturers:
      a. Alpine Overhead Doors, Inc: www.alpinedoors.com.
      b. Cornell Iron Works, Inc: www.cornelliron.com.
      c. Overhead Door Company
      d. The Cookson Company: www.cooksondoor.com.
      e. Wayne-Dalton, a Division of Overhead Door Corporation: www.wayne-dalton.com.
      f. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 OVERHEAD COILING INSULATED SERVICE DOORS

A. Product:
   1. Model: 'T' Series Thermal Door
   2. Mounting: Interior face mounted on prepared opening

B. Exterior Coiling Doors: Steel slat curtain.
   1. Capable of withstanding positive and negative wind loads of 20 psf, without undue deflection or damage to components.
   2. Sandwich slat construction with insulated core of foamed-in-place polyurethane insulation; minimum R-value of 8.1.
   3. Nominal Slat Size: 2-5/8 inches high and 7/8 inches thick x required length.
   4. Slat Material: ASTM A 653/A 653M galvanized steel; with a G90 galvanized coating
   5. Slat Gauge:
      a. Outside face not less than 22 gauge
      b. Inside face not less than 22 gauge
      c. Finish: Factory painted, color as selected by Architect from manufacturers full range of colors including premium.
   6. Bottom Bar: Two (2) 2" x 2" x 1/8 " structural steel angles
   7. Guide, Angles: galvanized steel.
      a. Finish: Factory painted, color to match slats.
   8. Hood Enclosure: Manufacturer's standard; primed steel.
      a. Material 24 gauge galvanized steel
      b. Finish: Factory painted, color to match slats.
   9. Operation
      a. Electric operation.
         1) Model GH, heavy duty, UL listed, gearhead hoist type operator.
         2) Voltage: 208V, 3 phase
         3) Size: 3/4 HP
         4) Control Station: Flush Mounted, 3-button OPEN/CLOSE/STOP
         5) Safety Edge: Located at bottom of curtain, full width, electro-mechanical sensitized type, wired to stop operator upon striking object, hollow neoprene covered.
         6) Speed reduction shall be worm-gear-in-oil-bath gear reducer with synthetic “All Climate” oil. Shall provide 45:1 speed reduction.
   10. Mounting: Within framed opening.
   11. Locking:
      a. Motor operated doors: integral gearing of motor operator to provide locking for door.

12. **Fire-Rated**
    a. **Fuseable link**

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that opening sizes, tolerances and conditions are acceptable.

3.02 INSTALLATION

A. Install units in accordance with manufacturer's instructions.

B. Use anchorage devices to securely fasten assembly to wall construction and building framing without distortion or stress.

C. Securely and rigidly brace components suspended from structure. Secure guides to structural members only.

D. Fit and align assembly including hardware; level and plumb, to provide smooth operation.

E. Install enclosure and perimeter trim.

3.03 TOLERANCES

A. Maintain dimensional tolerances and alignment with adjacent work.

B. Maximum Variation From Plumb: 1/16 inch.

C. Maximum Variation From Level: 1/16 inch.

D. Longitudinal or Diagonal Warp: Plus or minus 1/8 inch per 10 ft straight edge.

3.04 ADJUSTING

A. Adjust operating assemblies for smooth and noiseless operation.

3.05 CLEANING

A. Clean installed components.

B. Remove labels and visible markings.

END OF SECTION

This page intentionally left blank

SECTION 08 43 13
ALUMINUM-FRAMED STOREFRONTS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Aluminum-framed storefront, with vision glass.

B. Infill panels of metal and glass.

C. Aluminum doors and frames.

D. Weatherstripping.

1.02 RELATED REQUIREMENTS

A. Section 01 60 00 - Product Requirements

B. Section 05 12 00 - Structural Steel Framing: Steel attachment members.

C. Section 07 92 00 - Joint Sealants: Sealing joints between frames and adjacent construction.

D. Section 08 71 00 - Door Hardware: Hardware items other than specified in this section.

E. Section 08 80 00 - DO NOT USE - Glazing: Glass and glazing accessories.

F. Section 08 4413 - Glazed Aluminum Curtain Walls.

1.03 REFERENCE STANDARDS

A. AAMA CW-10 - Care and Handling of Architectural Aluminum from Shop to Site; 2015.

B. AAMA 609 & 610 - Cleaning and Maintenance Guide for Architecturally Finished Aluminum (Combined Document); 2015.

C. AAMA 611 - Voluntary Specification for Anodized Architectural Aluminum; 2020.

D. ASTM A36/A36M - Standard Specification for Carbon Structural Steel; 2014.

E. ASTM A123/A123M - Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products; 2017.

F. ASTM E 547 - Standard Test Method for Water Penetration of Exterior Windows, Curtain Walls, and Doors by Cyclic Static Air Pressure Differential; 2000 (Reapproved 2009).

G. ASTM E1105 - Standard Test Method for Field Determination of Water Penetration of Installed Exterior Windows, Skylights, Doors, and Curtain Walls, by Uniform or Cyclic Static Air Pressure Difference; 2015.

H. SSPC-Paint 20 - Zinc-Rich Primers (Type I, "Inorganic," and Type II, "Organic"); 2002 (Ed. 2004).

1.04 ADMINISTRATIVE REQUIREMENTS

A. Coordinate with installation of other components that comprise the exterior enclosure.

B. Preinstallation Meeting: Conduct a preinstallation meeting two weeks before starting work of this section; require attendance by all affected installers.

C. Convene one month before starting work of this section to coordinate power and security requirements.

D. Review preparation and installation procedures and coordinating and scheduling required with related work.

E. Sequence installation to ensure utility connections are achieved in an orderly and expeditious manner.

1.05 SUBMITTALS

A. General Requirements
   1. Provide all submittals in a timely manner to meet the required construction completion schedule.
   2. Shop drawings must be prepared wholly by the manufacturer or authorized representative of the manufacture.
      a. Provide documentation of authorization if shop drawing are not prepared by manufacturer.

B. See Section 01 30 00 - Administrative Requirements, for submittal procedures.

C. Product Data: Provide component dimensions, describe components within assembly, anchorage and fasteners, glass and infill, internal drainage details .

D. Shop Drawings: Indicate system dimensions, framed opening requirements and tolerances, affected related Work, expansion and contraction joint location and details, and field welding required. Provide 3D isometric drawings with submittals. All submittal drawings are required to be kept on site for review by contractors, A/E team, CM, and Commissioning team members.

E. Samples: Submit two samples 12 x 4 inches in size illustrating finished aluminum surface, glass, glazing materials.

F. Manufacturer's Certificate: Certify that the products supplied meet or exceed the specified requirements.

G. Design Data: Provide framing member structural and physical characteristics, engineering calculations, and dimensional limitations.

H. Test Results: Provide test results for performance requirements from an independent testing agency for standard systems being used.

I. Hardware Schedule: Complete itemization of each item of hardware to be provided for each door, cross-referenced to door identification numbers in Contract Documents.

J. Warranty: Submit manufacturer warranty and ensure forms have been completed in Owner's name and registered with manufacturer.

1.06 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in performing work of type specified and with at least three years of documented experience.

B. Installer Qualifications: Company specializing in performing work of type specified and with at least three years of documented experience.

1.07 DELIVERY, STORAGE, AND HANDLING

A. Handle products of this section in accordance with AAMA CW-10.

B. Protect finished aluminum surfaces with wrapping. Do not use adhesive papers or sprayed coatings that bond to aluminum when exposed to sunlight or weather.

1.08 PROJECT CONDITIONS

A. Coordinate the work with installation of related components or materials.

1.09 FIELD CONDITIONS

A. Do not install sealants when ambient temperature is less than 40 degrees F. Maintain this minimum temperature during and 48 hours after installation.

1.10 COORDINATION

A. Contractor shall be responsible for coordinating and obtaining necessary information from Hardware and Frame manufacturers to provide door supplier with approved hardware and frame schedules with templates.

1.11 WARRANTY

A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.

B. Products: Submit a written warranty, executed by the manufacturer, for a period of 5 years years from the date of substantial completion, against defective materials or workmanship, including substantial non-compliance with applicable specification requirements and industry standards, which results in premature failure of the storefront system, finish, factory-glazed glass, or parts, outside of normal wear.
   1. In the event that storefront system or components are found defective, manufacturer will repair or provide replacements without charge.
   2. Warranty for all components must be direct from the manufacturer (non pass-through) and non pro-rated for the entire term. Warranty must be assignable to the non-residential owner, and transferable to subsequent owners though its length.

C. Installation: Submit a written warranty, executed by the storefront installer, for a period of 2 years from the date of substantial completion, against defective materials or workmanship, including substantial non-compliance with applicable specification requirements, which result in premature failure.
   1. In the event that installation of storefront system or components is found to be defective, installer will repair or provide replacements without charge.

D. Provide 10 year manufacturer warranty against failure of glass seal on insulating glass units, including interpane dusting or misting. Include provision for replacement of failed units.

PART 2 PRODUCTS

2.01 BASIS OF DESIGN -- FRAMING FOR INSULATING GLAZING

A. Application:
   1. Exterior door frame with multiple sidelights or transoms
   2. Exterior storefront

B. Front-Set Style, Thermally-Broken:
   1. Basis of Design: Kawneer, Trifab 601T
   2. Accaptable Manufacturers
      a. YKK America Inc; Product YES 45TU-6; www.ykkap.com
      b. Oldcastle Building Envelope; Product 6000 series; www.oldcastle.com
      c. Tubelite Inc; Product T24650 Series; www.tubelite.com
      d. Substitution Procedures: See Section 01 60 00 - Product Requirements
   3. Vertical Mullion Dimensions: 2 inches wide by 6 inches deep.
   4. Glazing Option: 1 inch
   5. Glass Location: Front Glazed system
   6. Color: As selected by Architect from manufacturers full range of colors including premium.

C. Front-Set Style, Thermally-Broken:
   1. Basis of Design: Tubelite Inc: T14000 Series; www.tubeliteinc.com
   2. Acceptable Manufacturers:
      a. Kawneer: Trifab VersaGlaze 451T; www.kawneer.us
      b. Oldcastle Building Envelope: Series 3000 Thermal Multiplane; www.obe.com
      c. YKK America Inc: YES 45TU; ykkap.com
      d. Substitutions: See Section 01 60 00 - Product Requirements.
   3. Vertical Mullion Dimensions: 2 inches wide by 4-1/2 inches deep.

4. Glazing Option: 1 inch
5. Glass Location: Front Glazed System
6. Color: As selected by Architect from manufacturers full range of colors including premium.

2.02 BASIS OF DESIGN -- FRAMING FOR MONOLITHIC GLAZING

A. Application:
   1. Interior vestibule door frames
   2. Interior storefronts systems with doors
   3. Interior windows

B. Center-Set Style 4 1/2 Inch:
   1. Basis of Design: Tubelite Inc.; Product 4500 Series: www.tubeliteinc.com.
   2. Acceptable Manufacturers
      a. Kawneer 450
      b. YKK AP America Inc; Product YES 45FS: www.ykkap.com.
      c. Oldcastle Building Envelope; Product FG2000: www.oldcastlebe.com.
      d. Substitution Procedures: See Section 01 6000 - Product Requirements.
   3. Vertical Mullion Dimensions: 2 inches wide by 4 1/2 inches deep.
   4. Framing: Non-thermally broken
   5. Color: As selected by Architect from manufacturers full range of colors including premium.

C. Center-Set Style 6 Inch:
   1. Basis of Design:Tubelite Inv.; Product E24650 Series: www.tubeliteinc.com.
   2. Acceptable Manufacturers
      a. Kawneer Trifan, VersaGlaze 601
      b. YKK AP America Inc; Product YES 60 FI: www.ykkap.com
      c. Oldcastle Building Envelope; Product FG2000: www.oldcastlebe.com.
      d. Substitution Procedures: See Section 01 60 00 - Product Requirements.
   3. Vertical Mullion Dimensions: 2 inches wide by 6 inches deep.
   4. Framing: Non-thermally broken
   5. Color: As selected by Architect from manufacturers full range of colors including premium.

2.03 BASIS OF DESIGN -- SWINGING DOORS

A. Manufacturer
   1. Cross Aluminum Products Inc.,www.crossaluminum.com
   2. Acceptable Manufacturers.
      a. Tubelite Division of Indal, Inc.,
      b. Vistawall Architectural Products., Terrell, Texas
      c. Substitutions: See Section 01 6000 - Product Requirements

B. Aluminum Flush doors
   1. Product: WS-500T Series, Thermal Aluminum Flush Doors
   2. Wide Style.
   3. Door Opening Size: refer to drawings
   4. Door Assembly:
      a. Door Assembly:
         1) Door Stile: To be aluminum alloy 6063; temper to be T5 with a minimum 3/16” wall thickness.
         2) Stile and Rail Thickness: To be 1 3/4” thick tubular extrusion with minimum 3/16” wall thickness.
      b. Stile Width: As shown on the drawings
      c. Rail Widths: As shown the drawings

d. Pattern: To be smooth.

5. Insulation: Polyisocyanurate Rigid Foam

C. Materials & Accessories

1. Aluminum:
   a. ASTM B 221, alloy and temper to be 6063 T-5
2. Internal Reinforcement
   a. Exposed:
      1) Type: Fasteners exposed will be Philips flathead fasteners unless provided by other supplier.
      2) Finish: Fasteners to match appropriate finish on standard doors and frames.
      3) Concealed: To be standard according to manufacturer's standards.
3. Weather Stripping
   a. Wool Pile
      1) Material: Solid Propylene Base with resilient fibers.
      2) Color: Manufacturer's standard black color.
4. Glazing
   a. Door Glazing: Interlocking door glazing to be screw fastened and removable from interior with moisture seal foam tape applied to both interior and exterior sides of door. Exterior glazing to be non-removable.
   b. Material: To be 1/8" thick extruded channels-6063-T5.
   c. Color: To match finish of door.
5. Frame Glazing: Exterior side Snap-in glazing. Frame gasket to be flush glaze extruded rubber compound; EPDM.
   a. Material: To be aluminum extruded channels-6063-T5.
   b. Color: To match finish of frame.
6. Thermal Bar
   a. Mechanically attached to thermally break tubular extrusions.
      1) Material: To be Polyamide 6.6 with 25% glass fibers
      2) Color: Manufacturer's standard black color.
7. Hardware
   a. Hardware Preparation: To be fabricated at factory according to hardware templates provided.
   b. Hardware Installation: To factory install all applicable and supplied hardware to doors and frames.
   c. Hardware Reinforcement: To provide necessary reinforcement for proper longevity and hardware function; ASTM B 209 and/or ASTM 308.
   d. Door Hardware
      1) Weatherstrip by this section
         (a) Wool pile: Solid Propylene Base with resilient fibers in a standard black color.
      2) Doorstop: CDM - 32
         (a) Wall Thickness: To be 3/16" thick for receiving applicable hardware.
         (b) Profile Height: To be no less than 5/8" high.
         (c) Snap-in: Fits standard manufacturer's door jamb profiles.
      3) See Section 08 7100 Hardware for additional requirements.

2.04 COMPONENTS

A. Glazing: As specified in Section 08 80 00.

2.05 MATERIALS

A. Structural Steel Sections: ASTM A36/A36M; galvanized in accordance with requirements of ASTM A123/A123M.

B. Structural Supporting Anchors Attached to Structural Steel: Design for bolted attachment.

C. Exposed Flashings: Aluminum sheet, 20 gage, 0.032 inch minimum thickness; finish to match framing members.

D. Concealed Flashings: Stainless steel, 26 gage, 0.0187 inch minimum thickness.

E. Sill Flashing Sealant: Elastomeric, silicone or polyurethane, compatible with flashing material.

F. Concealed Flashings: 0.018 inch thick stainless steel.

G. Glazing Gaskets: Type to suit application to achieve weather, moisture, and air infiltration requirements.

H. Touch-Up Primer for Galvanized Steel Surfaces: SSPC-Paint 20, zinc rich.

2.06 FINISHES

A. Class I Natural Anodized Finish: AAMA 611 AA-M12C22A41 Clear anodic coating not less than 0.7 mils thick.
   1. All Interior locations or as shown on drawings.

B. Class I Color Anodized Finish: AAMA 611 AA-M12C22A42 Integrally colored anodic coating not less than 0.7 mils thick.
   1. All Exterior locations or as shown on drawings.

2.07 HARDWARE

A. For each door, include weatherstripping and sill sweep strip.

B. Other Door Hardware: As specified in Section 08 71 00.

C. Weatherstripping: Wool pile, continuous and replaceable; provide on all doors.

D. Sill Sweep Strips: Resilient seal type, retracting, of neoprene; provide on all doors.

2.08 ACCESSORIES

A. Closed-cell polyurethane spray foam insulation: ASTM C 1029, Type II, 1.5 lb.cu.ft.
   1. Foam insulation required between all windows and doors at head, jamb, and sill

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify dimensions, tolerances, and method of attachment with other work.

B. Verify that wall openings and adjoining air and vapor seal materials are ready to receive work of this section.

3.02 INSTALLATION

A. Install wall system in accordance with manufacturer's instructions.

B. Attach to structure to permit sufficient adjustment to accommodate construction tolerances and other irregularities.

C. Provide alignment attachments and shims to permanently fasten system to building structure.

D. Align assembly plumb and level, free of warp or twist. Maintain assembly dimensional tolerances, aligning with adjacent work.

E. Provide thermal isolation where components penetrate or disrupt building insulation.

F. Install sill flashings. Turn up ends and edges; seal to adjacent work to form water tight dam.

G. Where fasteners penetrate sill flashings, make watertight by seating and sealing fastener heads to sill flashing.

H. Install foam insulation in shim spaces at perimeter of assembly to maintain continuity of thermal barrier.

I. Set thresholds in bed of sealant and secure.

J. Install hardware using templates provided.
   1. See Section 08 71 00 for hardware installation requirements.

K. Install glass and infill panels in accordance with Section 08 80 00, using glazing method required to achieve performance criteria.

L. Touch-up minor damage to factory applied finish; replace components that cannot be satisfactorily repaired.

3.03 TOLERANCES

A. Maximum Variation from Plumb: 0.06 inches every 3 ft non-cumulative or 1/16 inches per 10 ft, whichever is less.

B. Maximum Misalignment of Two Adjoining Members Abutting in Plane: 1/32 inch.

3.04 FIELD QUALITY CONTROL

A. See Section 01 43 00 - Quality Assurance, for independent testing and inspection requirements. Inspection will monitor quality of installation and glazing.

B. The right is reserved by the Owner/Architect to have the installation tested. The cost of this test is at the Owner's expense.

C. Test installed storefront for water penetration in accordance with ASTM E1105 with a uniform test pressure difference of 2.86 lbf/sq ft.
   1. If unit fails, test additional units at Contractor's expense.

D. Replace units that have failed field testing and retest until performance is satisfactory.

3.05 ADJUSTING

A. Adjust operating hardware and sash for smooth operation.

3.06 CLEANING

A. Remove protective material from pre-finished aluminum surfaces.

B. Wash down surfaces with a solution of mild detergent in warm water, applied with soft, clean wiping cloths, and take care to remove dirt from corners and to wipe surfaces clean.

C. Upon completion of installation, thoroughly clean aluminum surfaces in accordance with AAMA 609 & 610.

3.07 PROTECTION

A. Protect installed products from damage until Date of Substantial Completion.

B. Touch-up minor damage to factory applied finish; replace components that cannot be satisfactorily repaired.

C. Protect finished work from damage.

END OF SECTION

This page intentionally left blank

SECTION 08 80 00
GLAZING

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Insulating glass units.

B. Glazing units.

C. Plastic films.

D. Glazing compounds and accessories.

1.02 RELATED REQUIREMENTS

A. Section 07 92 00 - Joint Sealants: Sealants for other than glazing purposes.

B. Section 08 11 13 - Hollow Metal Doors and Frames: Glazed lites in doors and borrowed lites.

C. Section 08 14 16 - Flush Wood Doors: Glazed lites in doors.

D. Section 08 43 13 - Aluminum-Framed Storefronts: Glazing furnished as part of storefront assembly.

E. Section 08 51 13 - Aluminum Windows: Glazing furnished by window manufacturer.

1.03 REFERENCE STANDARDS

A. 16 CFR 1201 - Safety Standard for Architectural Glazing Materials; current edition.

B. ANSI Z97.1 - American National Standard for Safety Glazing Materials Used in Buildings, Safety Performance Specifications and Methods of Test; 2010.

C. ASTM C864 - Standard Specification for Dense Elastomeric Compression Seal Gaskets, Setting Blocks, and Spacers; 2005 (Reapproved 2019).

D. ASTM C1172 - Standard Specification for Laminated Architectural Flat Glass; 2014.

E. ASTM C1193 - Standard Guide for Use of Joint Sealants; 2016.

F. ASTM C1376 - Standard Specification for Pyrolytic and Vacuum Deposition Coatings on Flat Glass; 2021a.

G. ASTM E119 - Standard Test Methods for Fire Tests of Building Construction and Materials; 2020.

H. ASTM E1300 - Standard Practice for Determining Load Resistance of Glass in Buildings; 2016.

I. ASTM E2190 - Standard Specification for Insulating Glass Unit Performance and Evaluation; 2019.

J. GANA (GM) - GANA Glazing Manual; 2008.

K. GANA (SM) - GANA Sealant Manual; 2008.

L. GANA (LGRM) - Laminated Glazing Reference Manual; 2009.

M. ICC (IBC) - International Building Code; 2015.

N. ITS (DIR) - Directory of Listed Products; current edition.

O. NFPA 252 - Standard Methods of Fire Tests of Door Assemblies; 2022.

P. NFPA 257 - Standard on Fire Test for Window and Glass Block Assemblies; 2012.

Q. NFRC 100 - Procedure for Determining Fenestration Product U-factors; 2020.

R. NFRC 200 - Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence; 2020.

S. NFRC 300 - Test Method for Determining the Solar Optical Properties of Glazing Materials and Systems; 2020.

T. UL (DIR) - Online Certifications Directory; Current Edition.

U. UL 10B - Standard for Fire Tests of Door Assemblies; Current Edition, Including All Revisions.

V. UL 10C - Standard for Positive Pressure Fire Tests of Door Assemblies; Current Edition, Including All Revisions.

W. UL 263 - Standard for Fire Tests of Building Construction and Materials; Current Edition, Including All Revisions.

X. UL 972 - Standard for Burglary Resisting Glazing Material; Current Edition, Including All Revisions.

1.04 ADMINISTRATIVE REQUIREMENTS

A. Preinstallation Meeting: Convene a preinstallation meeting two weeks before starting work of this section; require attendance by each of the affected installers.

1.05 SUBMITTALS

A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.

B. Product Data on Insulating Glass Unit and Glazing Unit Glazing Types: Provide structural, physical and environmental characteristics, size limitations, special handling and installation requirements.

C. Product Data on Glazing Compounds and Accessories: Provide chemical, functional, and environmental characteristics, limitations, special application requirements, and identify available colors.

D. Samples: Submit two samples 12 by 12 inch in sizeof glass units.

E. Certificates: Certify that products meet or exceed specified requirements.

F. Warranty Documentation: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

1.06 QUALITY ASSURANCE

A. Perform Work in accordance with GANA (GM), GANA (SM), and GANA (LGRM) for glazing installation methods. Maintain one copy on site.

B. Provide labels showing glass manufacturer's , type of glass, thickness, and quality. Labels shall remain on glass until it has been se an approved by the Architect.

C. Thermal Performance Properties:
   1. Solar Heat Gain Coefficient : NFCR 200 <= 0.40.

D. Installer Qualifications: Company specializing in performing work of the type specified and with at least three years documented experience.

1.07 FIELD CONDITIONS

A. Do not install glazing when ambient temperature is less than 40 degrees F.

B. Maintain minimum ambient temperature before, during and 24 hours after installation of glazing compounds.

1.08 WARRANTY

A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.

B. Insulating Glass Units: Provide a five (5) year manufacturer warranty to include coverage for seal failure, interpane dusting or misting, including providing products to replace failed units.

C. Laminated Glass: Provide a five (5) year manufacturer warranty to include coverage for delamination, including providing products to replace failed units.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Glass Fabricators:
1. AGC Glass North Americawww.agcglass.com
2. Cardinal Glass Industries, www.cardinalcorp.com
3. GGI - General Glass International: www.generalglass.com/#sle.
4. Guardian Glass, LLC, www.guardianglass.com
5. JE Berkowitz, LP: www.jeberkowitz.com/#sle.
6. Pilkington North America, www.pilkington.com
7. Standard Bent Glass Corp: www.standardbent.com/#sle.
8. Trulite Glass & Aluminum Solutions, LLC: www.trulite.com/#sle.
9. Viracon, Inc: www.viracon.com/#sle.
10. Vitro Architectural Glass, www.vitroglazing.com
11. Substitutions: See Section 01 60 00 - Product Requirements.

B. Plastic Films Manufacturers:
1. 3M Window Film**; Safety & Security Window Film Exterior Series**: solutions.3m.com~~/wps/portal/3M/en_US/Window_Film/Solutions/#sle.~~
2. Flexvue Films: www.flexvuefilms.com/#sle.
3. Llumar, an Eastman Chemical Company; Llumar or Vista: www.llumar.com/#sle.
4. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 PERFORMANCE REQUIREMENTS - EXTERIOR GLAZING ASSEMBLIES

A. Provide type and thickness of exterior glazing assemblies to support assembly dead loads, and to withstand live loads caused by positive and negative wind pressure acting normal to plane of glass.
1. Comply with ASTM E1300 for design load resistance of glass type, thickness, dimensions, and maximum lateral deflection of supported glass.
2. Provide glass edge support system sufficiently stiff to limit the lateral deflection of supported glass edges to less than 1/175 of their lengths under specified design load.
3. Glass thicknesses listed are minimum.

B. Vapor Retarder and Air Barrier Seals: Provide completed assemblies that maintain continuity of building enclosure vapor retarder and air barrier.
1. In conjunction with vapor retarder and joint sealer materials described in other sections.

C. Thermal and Optical Performance: Provide exterior glazing products with performance properties as indicated. Performance properties are in accordance with manufacturer's published data as determined with the following procedures and/or test methods:
1. Center of Glass U-Value: Comply with NFRC 100 using Lawrence Berkeley National Laboratory (LBNL) WINDOW 6.3 computer program.
2. Center of Glass Solar Heat Gain Coefficient (SHGC): Comply with NFRC 200 using Lawrence Berkeley National Laboratory (LBNL) WINDOW 6.3 computer program.
3. Solar Optical Properties: Comply with NFRC 300 test method.

2.03 GLASS MATERIALS

A. Float Glass: Provide float glass based glazing unless otherwise indicated.
1. Fully Tempered Safety Glass: Complies with ANSI Z97.1 or 16 CFR 1201 criteria for safety glazing used in hazardous locations.

B. Laminated Glass: Float glass laminated in accordance with ASTM C1172.

1. Laminated Safety Glass: Complies with ANSI Z97.1 - Class B or 16 CFR 1201 - Category I impact test requirements.
2. Polyvinyl Butyral (PVB) Interlayer: 0.030 inch thick, minimum.

2.04 INSULATING / EXTERIOR GLASS UNITS

A. Insulating Glass Units: Types as indicated.
   1. Durability: Certified by an independent testing agency to comply with ASTM E2190.
   2. Coated Glass: Comply with requirements of ASTM C1376 for pyrolytic (hard-coat) or magnetic sputter vapor deposition (soft-coat) type coatings on flat glass; coated vision glass, Kind CV; coated overhead glass, Kind CO; or coated spandrel glass, Kind CS.
   3. Spacer Color: Black.
   4. Edge Seal:
      a. Dual-Sealed System: Provide polyisobutylene sealant as primary seal applied between spacer and glass panes, and silicone, polysulfide, or polyurethane sealant as secondary seal applied around perimeter.
      b. Color: Black.
   5. Purge interpane space with dry air, hermetically sealed.

B. EG-1: Insulating Glass Units: Vision glass, double glazed.
   1. Applications: Exterior glazing unless otherwise indicated.
   2. Space between lites filled with argon.
   3. Outboard Lite: Fully tempered float glass, 1/4 inch thick, minimum.
      a. Tint: Clear.
      b. Coating: Low-E (solar control type), on #2 surface.
         1) PPG SolarBan 70XL
         2) Substitutions; See Section 01 60 00 - Product Requirements
   4. Inboard Lite: Fully tempered float glass, 1/4 inch thick, minimum.
      a. Tint: Clear.
   5. Total Thickness: 1 inch.
   6. Thermal Transmittance (U-Value), Winter - Center of Glass: 0.29, nominal.
   7. Visible Light Transmittance (VLT): 42 percent, nominal.
   8. Solar Heat Gain Coefficient (SHGC): 28 percent, nominal.
   9. Glazing Method: Dry glazing method, gasket glazing.
   10. **Glazing Film**
      a. **Type F-2**

2.05 GLAZING UNITS

A. G-1 - Monolithic Interior Vision Glazing:
   1. Applications: Interior glazing unless otherwise indicated.
   2. Glass Type: Fully tempered float glass.
   3. Tint: Clear.
   4. Thickness: 1/4 inch, nominal.

B. G-3 - Fire-Rated Glazing: Type, thickness, and configuration as required to achieve indicated ratings.
   1. Applications:
      a. Glazing in fire-rated door assembly.
      b. Glazing in fire-rated window assembly.
      c. Glazing in sidelites, borrowed lites, and other glazed openings in fire-rated wall assemblies.
      d. Other locations as indicated on drawings.

2. Provide products listed by ITS (DIR) or UL (DIR) and approved by authorities having jurisdiction.
3. Safety Glazing Certification: 16 CFR 1201 Category II.
4. Glazing Method: As required for fire rating.
5. Fire-Resistance-Rating Period: As indicated on drawings.
6. Markings for Fire-Resistance-Rated Glazing Assemblies: Provide permanent markings on fire-resistance-rated glazing in compliance with ICC (IBC), local building code, and authorities having jurisdiction.
    a. "W" - meets wall assembly criteria of ASTM E119 or UL 263 fire test standards.
    b. "D" - meets fire door assembly criteria of NFPA 252, UL 10B, or UL 10C fire test standards.
    c. "H" - meets fire door assembly hose stream test of NFPA 252, UL 10B, or UL 10C fire test standards.
    d. "T" - meets temperature rise of not more than 450 degrees F above ambient at end of 30 minutes fire exposure in accordance with NFPA 252, UL 10B, or UL 10C fire test standards.
    e. "XXX" - placeholder that represents fire-rating period, in minutes.
    f. "D" - meets fire door assembly criteria of {rs#1}, {rs#2}, or {rs#3} fire test standards.
    g. "H" - meets fire door assembly "Hose Stream" test of {rs#1}, {rs#2}, or {rs#3} fire test standards.
    h. "NH" - does not meet the hose stream test requirements of tests.
    i. "T" - meets 450 degrees F temperature rise criteria for 30 minutes of {rs#1}, {rs#2}, or {rs#3} fire test standards.
    j. "NT" - does not meet the temperature requirements of tests.
7. 20 Minute fire rated glass - doors only
    a. For use in 20 minute rated doors only.
    b. Basis of design: Super Lite I 20 by SAFTI First.
8. 45 minute fire rated glass
    a. For use in 45 minute door and window applications.
    b. Basis of design: Superlite II-XL 45 by SAFTI First
9. 60 or 90 minutes fire rated door glazing
    a. For use in 60 or 90 minute door application, comply with CPSC Category I and limited to 100 square inches in size.
    b. Nominal 3/4 inch thick glass.
    c. Basis of design: Superlite X-90 by SAFTI First
10. 60, 90 or 120 minute fire rated glass
    a. For use in 60, 90, or 120 door/window/wall applications, comply with ASTM E-119 requirements as a barrier to radiant heat.
    b. Basis of design: Superlite II-XL by SAFTI First
11. 180 minute fire rated door glazing
    a. For use in 180 minute door applications, comply with CPSC Category II and limited to 100 square inches in size.
    b. Nominal 1/4 inch polished ceramic glazing with impact film applied to one side.
    c. Basis of design: Pyran Platinum F or L by by SAFTI First
12. Manufacturers:
    a. SAFTI FIRST, a division of O'Keeffe's Inc +: www.safti.com.
    b. Technical Glass Products: www.fireglass.com.
    c. Vetrotech Saint-Gobain North America: www.vetrotechusa.com.
    d. Substitutions: See Section 01 60 00 - Product Requirements.

C. G-2 - Security Glazing: Laminated glass, 2-Ply.
   1. Applications: Locations as indicated on drawings.
   2. Tint: Clear.
   3. Thickness: 1/4 inch.
   4. Outer Lite: Tempered glass.
   5. Interlayer: Polyvinyl butyral (PVB), thickness as required to meet performance criteria.
   6. Inside Lite: Tempered glass.
   7. Performance Criteria:
      a. Burglary Resistance: Pass UL 972 tests in compliance with level of burglary and forced-entry resistance indicated; Multiple Impact.

2.06 PLASTIC FILMS

A. Type F-2 - Safety and Security Plastic Film:
   1. Application: All exterior ground level glazing.
   2. Color: Clear.
   3. Thickness Without Liner: 0.002 inch.

2.07 ACCESSORIES

A. Setting Blocks: Silicone, with 80 to 90 Shore A durometer hardness; ASTM C864 Option II. Length of 0.1 inch for each square foot of glazing or minimum 4 inch by width of glazing rabbet space minus 1/16 inch by height to suit glazing method and pane weight and area.

B. Glazing Splines: Resilient silicone extruded shape to suit glazing channel retaining slot; ASTM C864 Option II; color black.

PART 3 EXECUTION

3.01 VERIFICATION OF CONDITIONS

A. Verify that openings for glazing are correctly sized and within tolerances, including those for size, squareness, and offsets at corners.

B. Verify that the minimum required face and edge clearances are being provided.

C. Verify that surfaces of glazing channels or recesses are clean, free of obstructions that may impede moisture movement, weeps are clear, and support framing is ready to receive glazing system.

D. Verify that sealing between joints of glass framing members has been completed effectively.

E. Proceed with glazing system installation only after unsatisfactory conditions have been corrected.

3.02 PREPARATION

A. Clean contact surfaces with appropriate solvent and wipe dry within maximum of 24 hours before glazing. Remove coatings that are not tightly bonded to substrates.

B. Seal porous glazing channels or recesses with substrate compatible primer or sealer.

C. Prime surfaces scheduled to receive sealant where required for proper sealant adhesion.

3.03 INSTALLATION, GENERAL

A. Install glazing in compliance with written instructions of glass, gaskets, and other glazing material manufacturers, unless more stringent requirements are indicated, including those in glazing referenced standards.

B. Install glazing sealants in accordance with ASTM C1193, GANA (SM), and manufacturer's instructions.

3.04 INSTALLATION - DRY GLAZING METHOD (GASKET GLAZING)

A. Application - Exterior and/or Interior Glazed: Set glazing infills from either the exterior or the interior of the building.

B. Place setting blocks at 1/4 points with edge block no more than 6 inch from corners.

C. Rest glazing on setting blocks and push against fixed stop with sufficient pressure on gasket to attain full contact.

D. Install removable stops without displacing glazing gasket; exert pressure for full continuous contact.

3.05 INSTALLATION - PRESSURE GLAZED SYSTEMS

A. Application - Exterior Glazed: Set glazing infills from exterior side of building.

B. Place setting blocks at 1/4 points with edge block no more than 6 inch from corners.

C. Rest glazing on setting blocks and push against fixed stop with sufficient pressure on gasket to attain full contact.

D. Install pressure plates without displacing glazing gasket; exert pressure for full continuous contact.

3.06 FIELD QUALITY CONTROL

A. Glass and Glazing product manufacturers to provide field surveillance of the installation of their products.

B. Monitor and report installation procedures and unacceptable conditions.

3.07 CLEANING

A. See Section 01 74 19 - Construction Waste Management and Disposal, for additional requirements.

B. Remove excess glazing materials from finish surfaces immediately after application using solvents or cleaners recommended by manufacturers.

C. Remove non-permanent labels immediately after glazing installation is complete.

D. Clean glass and adjacent surfaces after sealants are fully cured.

E. Clean glass on both exposed surfaces not more than 4 days prior to Date of Substantial Completion in accordance with glass manufacturer's written recommendations.

3.08 PROTECTION

A. After installation, mark pane with an 'X' by using removable plastic tape or paste; do not mark heat absorbing or reflective glass units.

B. Remove and replace glass that is damaged during construction period prior to Date of Substantial Completion.

END OF SECTION

This page intentionally left blank

DEMOLITION FLOOR PLAN GENERAL NOTES

A THESE NOTES APPLY TO ALL ARCHITECTURAL DRAWINGS. FOR DEMOLITION NOTES AND SYMBOLS APPLICABLE ONLY TO DRAWINGS OF DISCIPLINE OTHER THAN ARCHITECTURAL, REFER TO SPECIFIC DRAWINGS OF THAT GENERAL DEMOLITION NOTES DISCIPLINE.

B FIELD VERIFY CONDITIONS AND COORDINATE DEMOLITION OR REMOVAL WORK WITH CORRESPONDING NEW CONSTRUCTION WORK AND WITH ALL APPROPRIATE TRADES PRIOR TO STARTING DEMOLITION WORK. IF DISCREPANCIES ARE FOUND BETWEEN CONTRACT DOCUMENTS AND ACTUAL FIELD CONDITIONS, NOTIFY ARCHITECT IMMEDIATELY.

C OWNER SHALL REMOVE LOOSE ITEMS, I.E. EQUIPMENT, FURNITURE, ARTWORK, PLAQUES, ETC., PRIOR TO CONTRACTOR'S START OF WORK IN SPECIFIED AREAS. WHERE PARTIAL OCCUPANCY, CONTRACTOR SHALL COORDINATE SCHEDULE WITH OWNER.

D REMOVE ITEMS TO BE DEMOLISHED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED. DESCRIPTION OF PRIMARY ITEMS TO BE REMOVED IS GENERAL IN NATURE, AND REMOVAL OF SECONDARY COMPONENTS SUCH AS BLOCKING, SUPPORTS, ANCHORS, TRIM, ADHESIVE, PIPING, WIRING, ETC., RELATED TO PRIMARY ITEMS SHALL BE INCLUDED.

E PROTECT EXISTING SURFACES TO REMAIN IN AREAS ADJACENT TO DEMOLITION WORK. CONTRACTOR TO REPAIR EXISTING SURFACES TO REMAIN DAMAGED DURING CONSTRUCTION AND DEMOLITION.

F PATCH EXISTING FLOOR, WALL, AND CEILING CONSTRUCTION AT ABANDONED PENETRATION LOCATIONS WITH NEW MATERIALS AS REQUIRED TO RECEIVE NEW FINISHES AND TO MAINTAIN ORIGINAL FIRE RATING ASSEMBLY WHERE APPLICABLE.

G SELECTIVE DEMOLITION FOR INSTALLATION OF NEW MECHANICAL, PLUMBING, OR ELECTRICAL WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR TRADE REQUIRING THE DEMOLITION.

H DEMOLISHED MATERIALS ARE THE PROPERTY OF THE CONTRACTOR UNLESS NOTED OTHERWISE AND SHALL BE PROMPTLY DISPOSED OFF SITE IN A LEGAL MANNER.

J REPAIR FINISHES AND SURFACES LEFT EXPOSED BY DEMOLITION OR REMOVAL OF EQUIPMENT USING NEW MATERIALS TO MATCH SURROUNDING SURFACES. REPAIR EXISTING FLOOR, BASE, WALL AND CEILING FINISHES TO CORRECT DEFECTS CAUSED OR EXPOSED BY DEMOLITION WORK OR EQUIPMENT REMOVAL. REPAIRED SURFACES SHALL BE SMOOTH AND UNDETECTABLE UNDER FINAL FINISHES. AREAS NOTED ON THE DWGS. TO BE REPAIRED OR PATCHED ARE GIVEN FOR REFERENCE AND SHALL NOT BE INTERPRETED TO LIMIT THE SCOPE OF WORK.

K PRIOR TO START OF DEMOLITION DUST SOUND BARRIERS SHALL BE CONSTRUCTED.

L PROPER EGRESS AND APPROVED BARRIERS MUST BE MAINTAINED THROUGHOUT THE DEMOLITION AREA AT ALL TIMES.

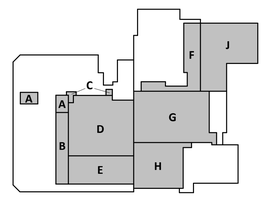
M REMOVE DEBRIS DAILY.

1 / KS-AD1.0 **SECOND FLOOR DEMOLITION PLAN - OVERALL**
1" = 20'-0"

SECOND FLOOR PLAN ROOM INDEX - OVERALL

ROOM NUMBER	ROOM NAME	ID	AREA	OCCUPANCY
A201	MECHANICAL		1,159 SF	
A202	STORAGE		41 SF	
A203	CLASSROOM		793 SF	
B201	CLASSROOM		782 SF	
B202	CLASSROOM		782 SF	
B203	CLASSROOM		782 SF	
B204	CLASSROOM		782 SF	
B205	CLASSROOM		451 SF	
B206	STORAGE		59 SF	
B207	CLASSROOM		1,121 SF	
C201	CORRIDOR		326 SF	
C202	PREP		211 SF	
D201	CLASSROOM		1,448 SF	
D202	PREP		161 SF	
D203	STORAGE		71 SF	
D204	CLASSROOM		1,261 SF	
D205	CLASSROOM		1,242 SF	
D206	PREP		276 SF	
D207	CLASSROOM		1,131 SF	
D208	CORRIDOR		2,102 SF	
D209	WOMENS RESTROOM		173 SF	
D210	MENS RESTROOM		185 SF	
D211	STORAGE		82 SF	
D212	PREP		140 SF	
D213	CLASSROOM		924 SF	
D214	CLASSROOM		1,165 SF	
D215	CLASSROOM		1,170 SF	
D216	CORRIDOR		976 SF	
D217	CLASSROOM		1,308 SF	
D218	PREP		307 SF	
D219	SMALL GROUP ROOM		352 SF	
D220	CLASSROOM		1,089 SF	
D221	CLASSROOM		767 SF	
D222	CORRIDOR		1,935 SF	
D223	CORRIDOR		2,012 SF	
D224	CLASSROOM		620 SF	
D225	CLASSROOM		770 SF	
D226	CLASSROOM		763 SF	
D227	CLASSROOM		761 SF	
D228	CLASSROOM		728 SF	
D229	STORAGE		48 SF	
D230	ELECTRICAL		23 SF	
E201	CLASSROOM		915 SF	
E202	CLASSROOM		1,019 SF	
E203	CLASSROOM		778 SF	
E204	CLASSROOM		778 SF	
E205	MENS RESTROOM		394 SF	
E206	STORAGE		168 SF	
E207	WOMENS RESTROOM		366 SF	
E208	CORRIDOR		2,995 SF	
E209	CLASSROOM		774 SF	
E210	CLASSROOM		774 SF	
E211	CLASSROOM		774 SF	
E212	CLASSROOM		774 SF	
E213	CLASSROOM		772 SF	
E214	CLASSROOM		742 SF	
E215	CLASSROOM		789 SF	
F201	STORAGE		255 SF	
F202	STORAGE		253 SF	
F203	CORRIDOR		1,705 SF	
F204	STAIR		137 SF	
F205	STAIR		89 SF	
F206	CORRIDOR		135 SF	
F207	CORRIDOR		409 SF	
F208	OFFICE		182 SF	
F209	WRESTLING		3,753 SF	
F210	STORAGE		390 SF	
F211	ELECTRICAL		57 SF	
F212	STORAGE		228 SF	
F213	CORRIDOR		172 SF	
G201	UPPER DECK		3,980 SF	
G202	UPPER DECK		3,847 SF	
G203	STORAGE		51 SF	
G204	OFFICE		129 SF	
G205	CORRIDOR		2,011 SF	
G206	OFFICE		130 SF	
G207	OFFICE		131 SF	
G208	OFFICE		129 SF	
G209	OFFICE		131 SF	
G210	CORRIDOR		355 SF	
G211	OFFICE		214 SF	
G212	MECHANICAL		233 SF	
G213	MECHANICAL		731 SF	
H201	PLATFORM		128 SF	
H202	MECHANICAL		339 SF	
H203	OFFICE		258 SF	
H204	OFFICE		369 SF	
H205	CORRIDOR		753 SF	
H206	OFFICE		180 SF	
H207	STORAGE		121 SF	
H208	STORAGE		66 SF	
H209	CONCESSION		177 SF	
H210	STUDIO		183 SF	
H211	PROJECTION		248 SF	
H212	OFFICE		138 SF	
H213	OFFICE		136 SF	
H214	OFFICE		139 SF	
H215	MACHINE ROOM		122 SF	
H216	MECHANICAL		1,049 SF	

#	KEYNOTE DESCRIPTION



KEY PLAN

MATTHEW R. HIBNER
REGISTERED NO. AR11300100
STATE OF INDIANA
ARCHITECT

MATTHEW R. HIBNER
LICENSE #AR11300100
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
MANSTE, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
mmmgm.com

IMPROVEMENTS FOR

DEKALB COUNTY CENTRAL UNITED SCHOOL DISTRICT WINDOW AND DOOR REPLACEMENT

SITE LOCATION: 3414 COUNTY ROAD 427 - WATERLOO, IN 46793

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	11/14/2025
1	CONSTRUCTION DOCUMENTS - ADDENDUM 01	12/12/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25022.00	ZLW	LDB

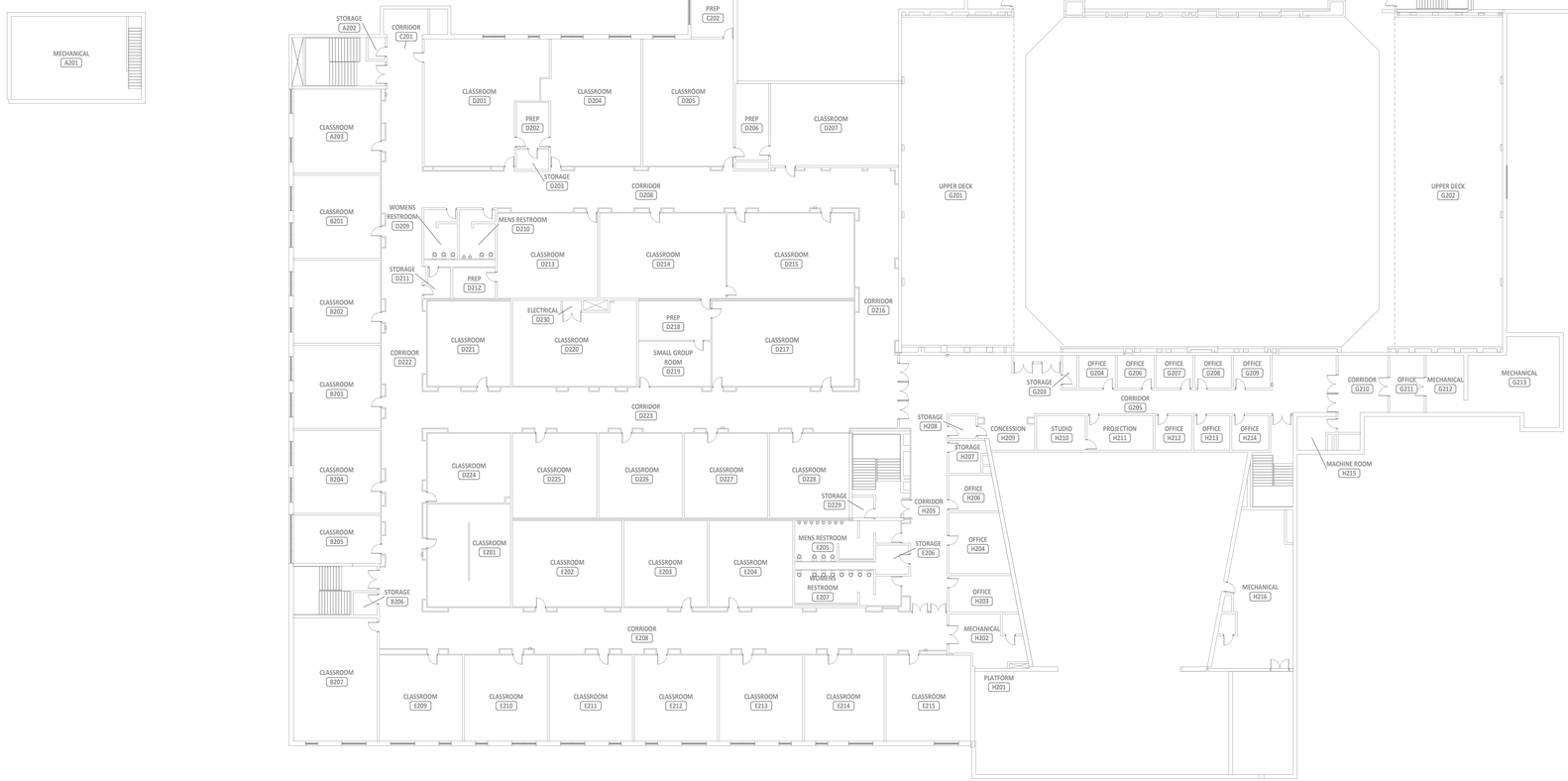
SHEET TITLE:

SECOND FLOOR DEMOLITION PLAN - OVERALL

SHEET NUMBER:

HS-AD1.0

PRINTED ON: 12/12/2025 8:19:59 AM



2 HS-A1.0b **SECOND FLOOR PLAN - PARTIAL**
1" = 20'-0"

PRINTED ON: 12/12/2025 8:19:58 AM

SECOND FLOOR PLAN ROOM INDEX - OVERALL

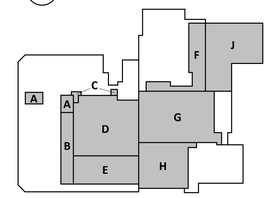
ROOM NUMBER	ROOM NAME	ID	AREA	OCCUPANCY
A201	MECHANICAL		1,159 SF	
A202	STORAGE		41 SF	
A203	CLASSROOM		793 SF	
B201	CLASSROOM		782 SF	
B202	CLASSROOM		782 SF	
B203	CLASSROOM		782 SF	
B204	CLASSROOM		782 SF	
B205	CLASSROOM		451 SF	
B206	STORAGE		59 SF	
B207	CLASSROOM		1,121 SF	
C201	CORRIDOR		326 SF	
C202	PREP		211 SF	
D201	CLASSROOM		1,448 SF	
D202	PREP		161 SF	
D203	STORAGE		71 SF	
D204	CLASSROOM		1,261 SF	
D205	CLASSROOM		1,242 SF	
D206	PREP		276 SF	
D207	CLASSROOM		1,131 SF	
D208	CORRIDOR		2,102 SF	
D209	WOMENS RESTROOM		173 SF	
D210	MENS RESTROOM		185 SF	
D211	STORAGE		82 SF	
D212	PREP		140 SF	
D213	CLASSROOM		924 SF	
D214	CLASSROOM		1,165 SF	
D215	CLASSROOM		1,170 SF	
D216	CORRIDOR		976 SF	
D217	CLASSROOM		1,308 SF	
D218	PREP		307 SF	
D219	SMALL GROUP ROOM		352 SF	
D220	CLASSROOM		1,089 SF	
D221	CLASSROOM		767 SF	
D222	CORRIDOR		1,935 SF	
D223	CORRIDOR		2,012 SF	
D224	CLASSROOM		620 SF	
D225	CLASSROOM		770 SF	
D226	CLASSROOM		763 SF	
D227	CLASSROOM		761 SF	
D228	CLASSROOM		728 SF	
D229	STORAGE		48 SF	
D230	ELECTRICAL		23 SF	
E201	CLASSROOM		915 SF	
E202	CLASSROOM		1,019 SF	
E203	CLASSROOM		778 SF	
E204	CLASSROOM		778 SF	
E205	MENS RESTROOM		394 SF	
E206	STORAGE		168 SF	
E207	WOMENS RESTROOM		366 SF	
E208	CORRIDOR		2,995 SF	
E209	CLASSROOM		774 SF	
E210	CLASSROOM		774 SF	
E211	CLASSROOM		774 SF	
E212	CLASSROOM		774 SF	
E213	CLASSROOM		772 SF	
E214	CLASSROOM		742 SF	
E215	CLASSROOM		789 SF	
F201	STORAGE		255 SF	
F202	STORAGE		253 SF	
F203	CORRIDOR		1,705 SF	
F204	STAIR		137 SF	
F205	STAIR		89 SF	
F206	CORRIDOR		135 SF	
F207	CORRIDOR		409 SF	
F208	OFFICE		182 SF	
F209	WRESTLING		3,753 SF	
F210	STORAGE		390 SF	
F211	ELECTRICAL		57 SF	
F212	STORAGE		228 SF	
F213	CORRIDOR		172 SF	
G201	UPPER DECK		3,980 SF	
G202	UPPER DECK		3,847 SF	
G203	STORAGE		51 SF	
G204	OFFICE		129 SF	
G205	CORRIDOR		2,011 SF	
G206	OFFICE		130 SF	
G207	OFFICE		131 SF	
G208	OFFICE		129 SF	
G209	OFFICE		131 SF	
G210	CORRIDOR		355 SF	
G211	OFFICE		214 SF	
G212	MECHANICAL		233 SF	
G213	MECHANICAL		731 SF	
H201	PLATFORM		128 SF	
H202	MECHANICAL		339 SF	
H203	OFFICE		258 SF	
H204	OFFICE		369 SF	
H205	CORRIDOR		753 SF	
H206	OFFICE		180 SF	
H207	STORAGE		121 SF	
H208	STORAGE		66 SF	
H209	CONCESSION		177 SF	
H210	STUDIO		183 SF	
H211	PROJECTION		248 SF	
H212	OFFICE		138 SF	
H213	OFFICE		136 SF	
H214	OFFICE		139 SF	
H215	MACHINE ROOM		122 SF	
H216	MECHANICAL		1,049 SF	

FLOOR PLAN SYMBOLS LEGEND

A101 — ROOM DESIGNATION - REFERENCE ROOM INDEX.

X / X XX.X X / X — EXTERIOR ELEVATION — DETAIL NUMBER — SHEET NUMBER

X / SIM / XX.X — SECTION — DETAIL NUMBER — SHEET NUMBER



KEY PLAN

MATTHEW R. HIBNER
REGISTERED
NO. AR11300100
STATE OF INDIANA
ARCHITECT

MATTHEW R. HIBNER
LICENSE #AR11300100
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
MARION, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
mmmgm.com

IMPROVEMENTS FOR

DEKALB COUNTY CENTRAL UNITED SCHOOL DISTRICT WINDOW AND DOOR REPLACEMENT

SAXA COUNTY ROAD 427 - WATERLOO, IN 46793

ISSUANCES/REVISIONS			
	CONSTRUCTION DOCUMENTS	11/14/2025
1	CONSTRUCTION DOCUMENTS - ADDENDUM 01	12/12/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25022.00	ZLW	LDB

SHEET TITLE:

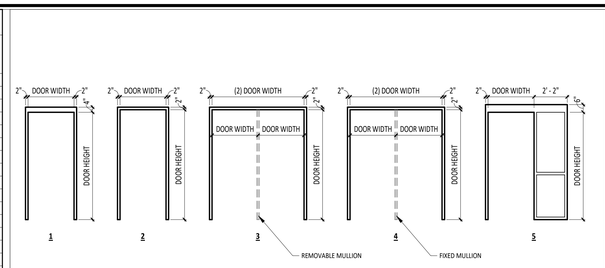
SECOND FLOOR PLAN - OVERALL

SHEET NUMBER:

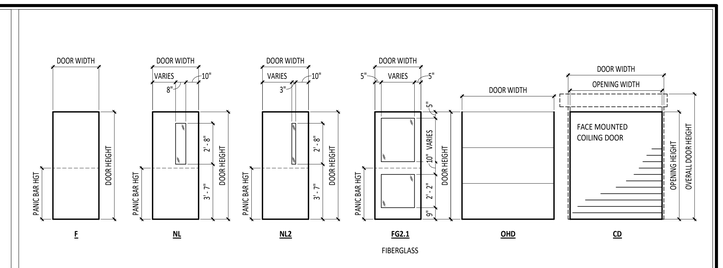
HS-A1.0b

DOOR/OPENING SCHEDULE

NUMBER	DOOR SIZE	DOOR THK	DOOR MATL	DOOR TYPE	DOOR GLASS	FRAME DEPTH	FRAME MATL	FRAME TYPE	FRAME GLASS	DETAIL NUMBER HEAD	DETAIL NUMBER JAMB	DETAIL NUMBER SILL	HARDWARE SET	ROOM KEY SIDE	FUNCTION	LABEL (MIN)	NOTES
01A	(2) 3'-1" x 7'-2"	1 3/4"	FRP	FG2.1	EG2	6"	AL	SFE2	EG1	-	-	-	001	-	Exterior	-	3
01B	(2) 3'-1" x 7'-2"	1 3/4"	FRP	FG2.1	EG2	6"	AL	SFE2	EG1	-	-	-	004	-	Exterior	-	3
01C	(2) 3'-1" x 7'-2"	1 3/4"	FRP	FG2.1	EG2	6"	AL	SFE2	EG1	-	-	-	010	-	Exterior	-	3
01D	(2) 3'-1" x 7'-2"	1 3/4"	FRP	FG2.1	G1	4 1/2"	AL	SFI2	G1	-	-	-	011	-	Interior	-	3
01E	(2) 3'-1" x 7'-2"	1 3/4"	FRP	FG2.1	G1	4 1/2"	AL	SFI2	G1	-	-	-	005	-	Interior	-	3
01F	(2) 3'-1" x 7'-2"	1 3/4"	FRP	FG2.1	G1	4 1/2"	AL	SFI2	G1	-	-	-	006	-	Interior	-	3
02A	(2) 3'-0" x 7'-2"	1 3/4"	FRP	FG2.1	EG2	6"	AL	SFE1	EG1	-	-	-	001	-	Exterior	-	3
02B	(2) 3'-0" x 7'-2"	1 3/4"	FRP	FG2.1	G1	4 1/2"	AL	SFI1	G1	-	-	-	027	-	Interior	-	1, 3
03A	(2) 3'-0" x 7'-2"	1 3/4"	FRP	FG2.1	EG2	6"	AL	SFE1	EG1	-	-	-	001	-	Exterior	-	3
03B	(2) 3'-0" x 7'-2"	1 3/4"	FRP	FG2.1	G1	4 1/2"	AL	SFI1	G1	-	-	-	027	-	Interior	-	1, 3
07A	(2) 3'-0" x 7'-2"	1 3/4"	FRP	FG2.1	EG2	6"	AL	SFE1	EG1	-	-	-	001	-	Exterior	-	3
07B	(2) 3'-0" x 7'-2"	1 3/4"	FRP	FG2.1	G1	4 1/2"	AL	SFI1	G1	-	-	-	027	-	Interior	-	1, 3
08D	3'-0" x 7'-0"	1 3/4"	FRP	F	-	5 3/4"	HM	2	-	9/HS-A6.1	10/HS-A6.1	11/HS-A6.1	026	-	Exterior	-	3
9	18'-0" x 14'-0"	2"	STL	OHD	-	0"	STL	-	-	14/HS-A6.1	15/HS-A6.1	16/HS-A6.1			Exterior		2, 3
09A	3'-0" x 7'-0"	1 3/4"	FRP	F	-	5 3/4"	HM	2	-	9/HS-A6.1	10/HS-A6.1	11/HS-A6.1	026		Exterior	-	3
10	(2) 2'-6" x 9'-0"	1 3/4"	FRP	F	-	13"	HM	2	-	9/HS-A6.1	10/HS-A6.1	11/HS-A6.1	025		Exterior	-	3
11	(2) 2'-7" x 7'-0"	1 3/4"	FRP	F	-	12 3/4"	HM	2	-	9/HS-A6.1	10/HS-A6.1	11/HS-A6.1	024		Exterior	-	3
12	8'-10" x 9'-0"	2"	STL	CD	-	0"	STL	-		12/HS-A6.1	13/HS-A6.1				Exterior		2, 3
15	(2) 4'-0" x 7'-0"	1 3/4"	FRP	F	-	8 3/4"	HM	1	-	9/HS-A6.1	10/HS-A6.1	11/HS-A6.1	023		Interior	-	3
16A	(2) 3'-0" x 7'-2"	1 3/4"	FRP	FG2.1	EG2	6"	AL	SFE3	EG1				009	-	Exterior	-	3
16B	(2) 3'-0" x 7'-2"	1 3/4"	FRP	FG2.1	EG2	6"	AL	SFE3	EG1	-	-	-	009	-	Exterior	-	3
16C	(2) 3'-0" x 7'-2"	1 3/4"	FRP	FG2.1	EG2	6"	AL	SFE3	EG1	-	-	-	003	-	Exterior	-	3
17	4'-0" x 7'-0"	1 3/4"	FRP	F	-	12 3/4"	HM	1	-	9/HS-A6.1	10/HS-A6.1	11/HS-A6.1	022		Exterior	-	3
18	(2) 3'-0" x 7'-0"	1 3/4"	FRP	FG2.1	EG2	6"	AL	SFE4	-	-	-	-	001	-	Exterior	-	3
18A	3'-0" x 7'-0"	1 3/4"	FRP	F	-	5 3/4"	HM	2	-	9/HS-A6.1	10/HS-A6.1	11/HS-A6.1	020		Exterior	-	3
19	(2) 3'-0" x 7'-0"	1 3/4"	FRP	F	-	5 3/4"	HM	1	-	9/HS-A6.1	10/HS-A6.1	11/HS-A6.1	021		Exterior	-	3
20A	(2) 2'-11" x 7'-0"	1 3/4"	FRP	F	-	5 3/4"	HM	3	-	9/HS-A6.1	10/HS-A6.1	11/HS-A6.1	008		Exterior		3
20B	(2) 2'-11" x 7'-0"	1 3/4"	FRP	F	-	5 3/4"	HM	4	-	9/HS-A6.1	10/HS-A6.1	11/HS-A6.1	007		Exterior		3
21A	(2) 2'-11" x 7'-0"	1 3/4"	FRP	F	-	5 3/4"	HM	4	-	9/HS-A6.1	10/HS-A6.1	11/HS-A6.1	007		Exterior		3
21B	(2) 2'-11" x 7'-0"	1 3/4"	FRP	F	-	5 3/4"	HM	4	-	9/HS-A6.1	10/HS-A6.1	11/HS-A6.1	007		Exterior		3
22	(2) 2'-11" x 7'-0"	1 3/4"	FRP	F	-	5 3/4"	HM	4	-	9/HS-A6.1	10/HS-A6.1	11/HS-A6.1	007		Exterior		3
23A	(2) 2'-11" x 7'-0"	1 3/4"	FRP	F	-	5 3/4"	HM	4	-	9/HS-A6.1	10/HS-A6.1	11/HS-A6.1	007		Exterior		3
23D	3'-0" x 7'-0"	1 3/4"	FRP	F	-	5 3/4"	HM	2	-	9/HS-A6.1	10/HS-A6.1	11/HS-A6.1	019		Exterior	-	3
24D	(2) 3'-0" x 7'-2"	1 3/4"	FRP	FG2.1	G1	4 1/2"	AL	SFI3	G1	-	-	-	012	-	Interior	-	1
24E	(2) 3'-0" x 7'-2"	1 3/4"	FRP	FG2.1	G1	4 1/2"	AL	SFI3	G1	-	-	-	013	-	Interior	-	1
24F	(2) 3'-0" x 7'-2"	1 3/4"	FRP	FG2.1	G1	4 1/2"	AL	SFI3	G1	-	-	-	014	-	Interior	-	1
25E	(2) 3'-0" x 7'-2"	1 3/4"	FRP	FG2.1	G1	4 1/2"	AL	SFI4	G1	-	-	-	013/017	-	Interior	-	1
25F	(2) 3'-0" x 7'-2"	1 3/4"	FRP	FG2.1	G1	4 1/2"	AL	SFI4	G1	-	-	-	013/017	-	Interior	-	1
25G	(2) 3'-0" x 7'-2"	1 3/4"	FRP	FG2.1	G1	4 1/2"	AL	SFI4	G1	-	-	-	013/017	-	Interior	-	1
25H	(2) 3'-0" x 7'-2"	1 3/4"	FRP	FG2.1	G1	4 1/2"	AL	SFI4	G1	-	-	-	018	-	Interior	-	1
25J	3'-0" x 7'-0"	1 3/4"	HM	NL	G1	5 3/4"	HM	5	G1	1/HS-A6.2	4/HS-A6.2	-	028		Interior	-	3
25K	3'-0" x 7'-0"	1 3/4"	HM	NL	G1	5 3/4"	HM	5 (SIM)	G1	1/HS-A6.2	4/HS-A6.2	-	028		Interior	-	3
26	(2) 3'-0" x 7'-0"	1 3/4"	FRP	FG2.1	EG2	6"	AL	SFE5	EG1			-	003	-	Exterior		3
27	8'-0" x 7'-0"	2"	STL	CD	-	0"	STL	-		12/HS-A6.1	13/HS-A6.1				Exterior	180 MIN	2, 3



2 HS-A6.1 HOLLOW METAL DOOR FRAME TYPES 1/4" = 1'-0"



1 HS-A6.1 DOOR TYPES 1/4" = 1'-0"

DETAIL NOT USED

DOOR GENERAL NOTES

A CONTRACTOR TO FIELD VERIFY ALL WINDOW ROUGH OPENING DIMENSIONS PRIOR TO WINDOW FABRICATION.
B REFERENCE SPECIFICATION SECTION 08 71 00 FOR HARDWARE SETS.
C ALL OPENINGS SIZES ARE TO BE VERIFIED BY CONTRACTOR.
D NEWER HARDWARE TO BE TURNED OVER TO SCHOOL.
E NEW DOORS AND FRAMES TO BE INSTALLED IN EXISTING WALL. OVERALL FRAME DEPTH AND THROAT DEPTH TO BE VERIFIED IN FIELD BEFORE FABRICATION.

DOOR/OPENING SCHEDULE ABBREVIATIONS

SYMBOL	DESCRIPTION
AL	ALUMINUM
EX	EXISTING
F	FLUSH
FRP	FIBER-REINFORCED POLYMER
HM	HOLLOW METAL
NL	NARROW LITE
WD	WOOD

EXTERIOR GLAZING TYPES

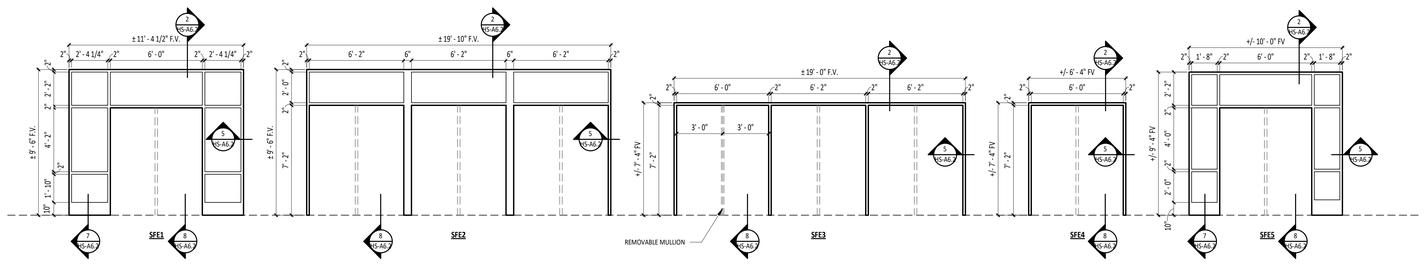
EG1 CLEAR TEMPERED

INTERIOR GLAZING TYPES

G1 CLEAR TEMPERED
G2 CLEAR LAMINATED
G3 FIRE-RATED

DOOR/OPENING SCHEDULE NOTES

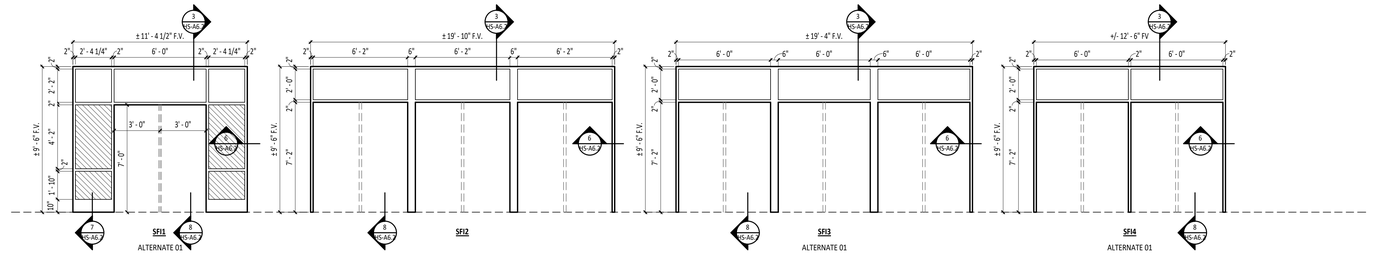
1. ALTERNATE 01.
2. ALTERNATE 02.
3. DOOR NUMBER VINYL DECALS.



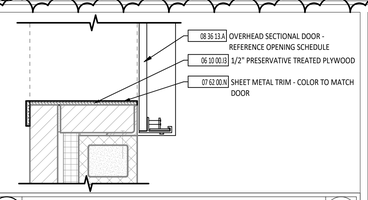
4 HS-A6.1 EXTERIOR STOREFRONT ELEVATIONS 1/4" = 1'-0"

DETAIL NOT USED

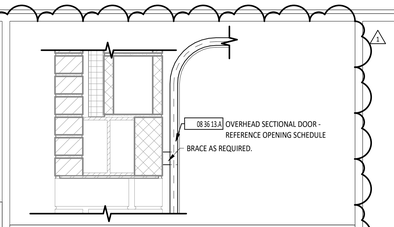
DETAIL NOT USED



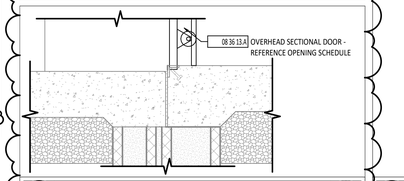
5 HS-A6.1 INTERIOR STOREFRONT ELEVATIONS 1/4" = 1'-0"



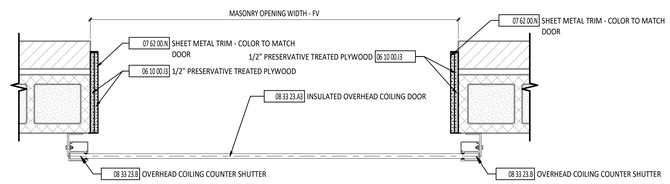
15 HS-A6.1 JAMB DETAIL - EXTERIOR 1 1/2" = 1'-0"



14 HS-A6.1 HEAD DETAIL - EXTERIOR 1 1/2" = 1'-0"

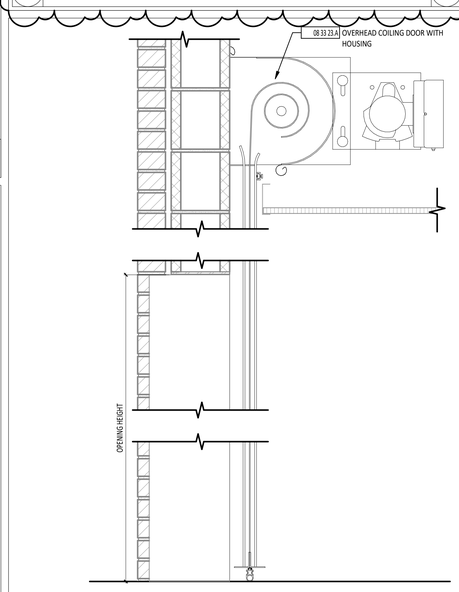


16 HS-A6.1 SILL DETAIL - EXTERIOR 1 1/2" = 1'-0"

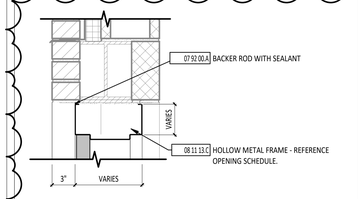


13 HS-A6.1 JAMB DETAIL - INTERIOR 1 1/2" = 1'-0"

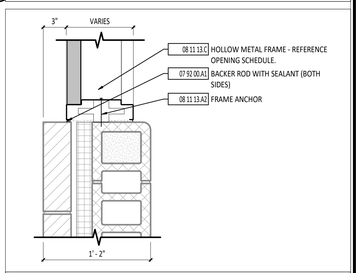
#	KEYNOTE DESCRIPTION
06 10 00.I3	1/2" PRESERVATIVE TREATED PLYWOOD
07 62 00.N	SHEET METAL TRIM - COLOR TO MATCH DOOR
07 92 00.A	BACKER ROD WITH SEALANT
07 92 00.A1	BACKER ROD WITH SEALANT (BOTH SIDES)
08 11 13.A2	FRAME ANCHOR
08 11 13.C	HOLLOW METAL FRAME - REFERENCE OPENING SCHEDULE.
08 33 23.A	OVERHEAD COILING DOOR WITH HOUSING
08 33 23.A3	INSULATED OVERHEAD COILING DOOR
08 33 23.B	OVERHEAD COILING COUNTER SHUTTER
08 36 13.A	OVERHEAD SECTIONAL DOOR - REFERENCE OPENING SCHEDULE
08 71 00.A	DOOR THRESHOLD



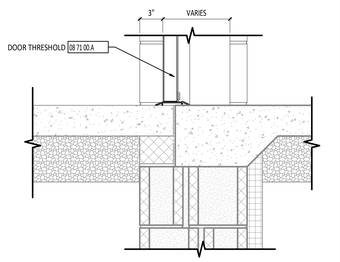
12 HS-A6.1 HEAD DETAIL - INTERIOR 1 1/2" = 1'-0"



9 HS-A6.1 HEAD DETAIL - EXTERIOR 1 1/2" = 1'-0"



10 HS-A6.1 JAMB DETAIL - EXTERIOR 1 1/2" = 1'-0"



11 HS-A6.1 SILL DETAIL - EXTERIOR 1 1/2" = 1'-0"

MATTHEW R. HIBNER
REGISTERED NO. AR11300100
STATE OF INDIANA
ARCHITECT
MATTHEW R. HIBNER
LICENSE #AR11300100
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
MUNSTER, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
www.garmannmiller.com

IMPROVEMENTS FOR

DEKALB COUNTY CENTRAL UNITED SCHOOL DISTRICT WINDOW AND DOOR REPLACEMENT

3424 COUNTY ROAD 427 - WATERLOO, IN 46793

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	11/14/2025
1	CONSTRUCTION DOCUMENTS - ADDENDUM 01	12/12/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25022.00	ZLW	LDB

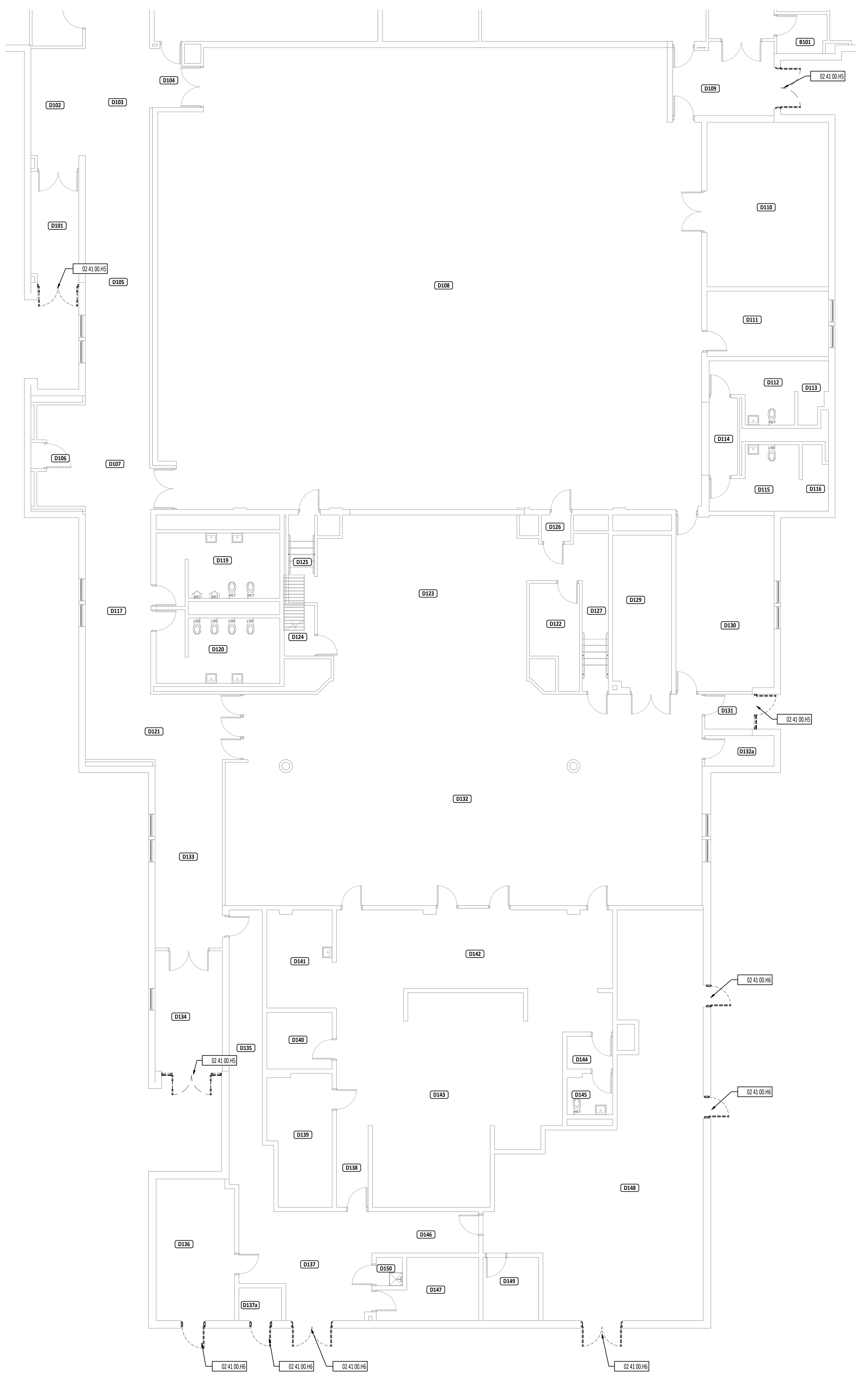
SHEET TITLE:

DOOR SCHEDULE, WINDOW & STOREFRONT ELEVATIONS, & DETAILS

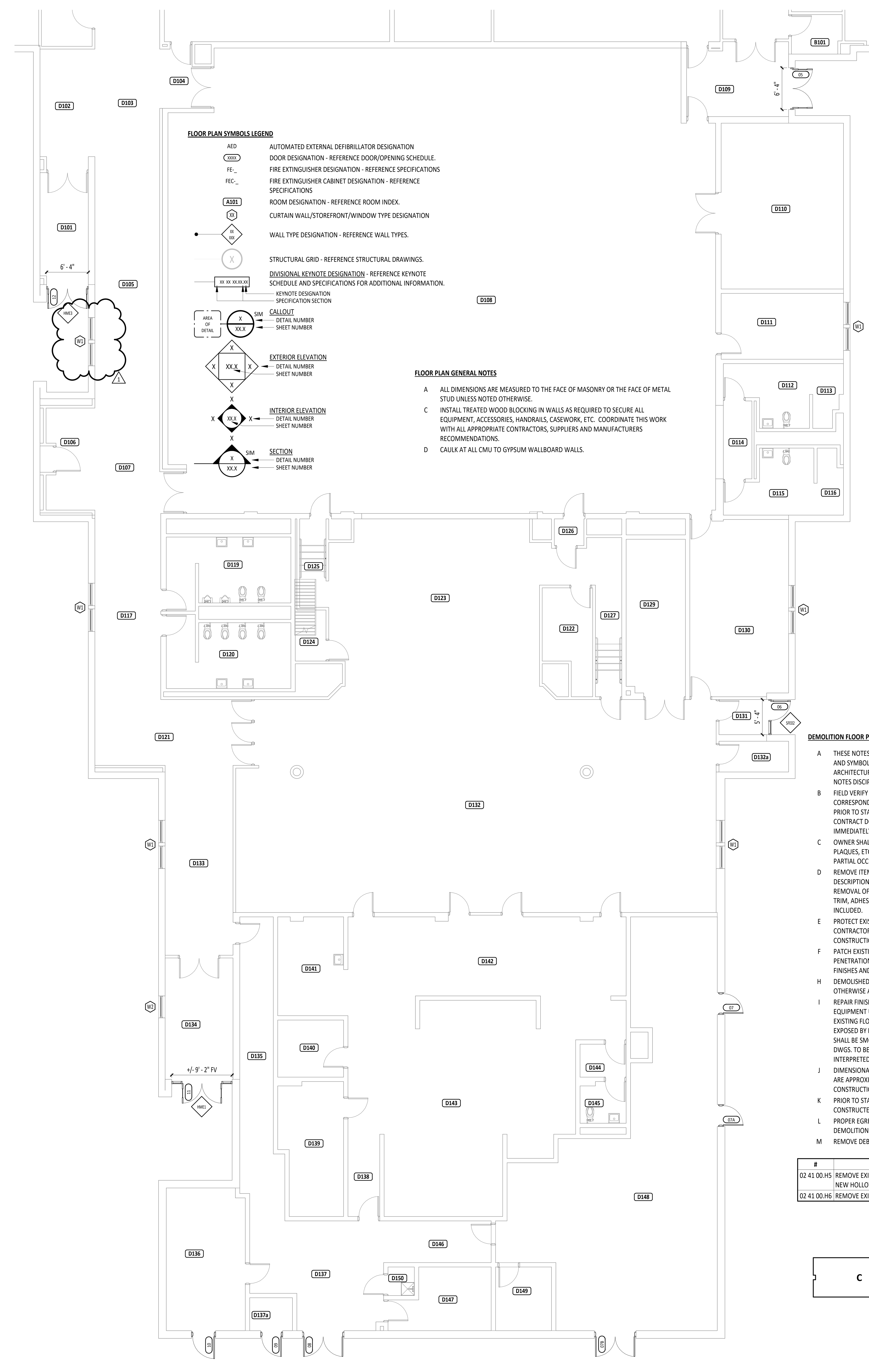
SHEET NUMBER:

HS-A6.1

PRINTED ON: 12/12/2025 8:41:53 AM



1 CM-A1.4 FIRST FLOOR DEMOLITION AND FLOOR PLAN - UNIT D
1/8" = 1'-0"



2 CM-A1.4 FIRST FLOOR PLAN - UNIT D
1/8" = 1'-0"

FLOOR PLAN SYMBOLS LEGEND

- AED — AUTOMATED EXTERNAL DEFIBRILLATOR DESIGNATION
- XXXX — DOOR DESIGNATION - REFERENCE DOOR/OPENING SCHEDULE.
- FE-_ — FIRE EXTINGUISHER DESIGNATION - REFERENCE SPECIFICATIONS
- FEC-_ — FIRE EXTINGUISHER CABINET DESIGNATION - REFERENCE SPECIFICATIONS
- A101 — ROOM DESIGNATION - REFERENCE ROOM INDEX.
- XX — CURTAIN WALL/STOREFRONT/WINDOW TYPE DESIGNATION
- XX XXX — WALL TYPE DESIGNATION - REFERENCE WALL TYPES.
- X — STRUCTURAL GRID - REFERENCE STRUCTURAL DRAWINGS.
- XX XX XX.XX.XX — DIVISIONAL KEYNOTE DESIGNATION - REFERENCE KEYNOTE SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION. (KEYNOTE DESIGNATION; SPECIFICATION SECTION)
- AREA OF DETAIL, X / XX.X, SIM — CALLOUT (DETAIL NUMBER; SHEET NUMBER)
- X / XX.X — EXTERIOR ELEVATION (DETAIL NUMBER; SHEET NUMBER)
- X / XX.X — INTERIOR ELEVATION (DETAIL NUMBER; SHEET NUMBER)
- X / XX.X, SIM — SECTION (DETAIL NUMBER; SHEET NUMBER)

FLOOR PLAN GENERAL NOTES

A ALL DIMENSIONS ARE MEASURED TO THE FACE OF MASONRY OR THE FACE OF METAL STUD UNLESS NOTED OTHERWISE.

C INSTALL TREATED WOOD BLOCKING IN WALLS AS REQUIRED TO SECURE ALL EQUIPMENT, ACCESSORIES, HANDRAILS, CASEWORK, ETC. COORDINATE THIS WORK WITH ALL APPROPRIATE CONTRACTORS, SUPPLIERS AND MANUFACTURERS RECOMMENDATIONS.

D CAULK AT ALL CMU TO GYPSUM WALLBOARD WALLS.

FIRST FLOOR PLAN ROOM INDEX - UNIT D

ROOM NUMBER	ROOM NAME	AREA
D101	VESTIBULE	123 SF
D102	ALCOVE	149 SF
D103	CORRIDOR	161 SF
D104	ALCOVE	65 SF
D105	CORRIDOR	361 SF
D106	DISPLAY	108 SF
D107	CORRIDOR	197 SF
D108	GYMNASIUM	5,725 SF
D109	VESTIBULE	170 SF
D110	STORAGE	468 SF
D111	OFFICE	186 SF
D112	BOYS	105 SF
D113	SHOWER	40 SF
D114	ALCOVE	51 SF
D115	GIRLS	114 SF
D116	SHOWER	38 SF
D117	CORRIDOR	280 SF
D119	MENS RESTROOM	192 SF
D120	WOMENS RESTROOM	192 SF
D121	CORRIDOR	248 SF
D122	STORAGE	103 SF
D123	PLATFORM	900 SF
D124	FAN ROOM ACCESS	36 SF
D125	STAIR	54 SF
D126	LIFT	18 SF
D127	STAIR	99 SF
D129	STORAGE	209 SF
D130	COMMUNITY	402 SF
D131	VESTIBULE	39 SF
D132	CAFETERIA	2,323 SF
D132a	STORAGE	49 SF
D133	CORRIDOR	287 SF
D134	VESTIBULE	190 SF
D135	CORRIDOR	246 SF
D136	ELEC.	258 SF
D137	RECEIVING	297 SF
D137a	STORAGE	33 SF
D138	HALL	60 SF
D139	STORAGE	185 SF
D140	OFFICE	87 SF
D141	TRAY WASH	153 SF
D142	SERVING	635 SF
D143	KITCHEN	881 SF
D144	LOCKER ROOM	35 SF
D145	RESTROOM	43 SF
D146	HALL	103 SF
D147	STORAGE	128 SF
D148	BOILER	1,262 SF
D149	OFFICE	82 SF
D150	CUSTODIAL	17 SF

DEMOLITION FLOOR PLAN GENERAL NOTES

A THESE NOTES APPLY TO ALL ARCHITECTURAL DRAWINGS. FOR DEMOLITION NOTES AND SYMBOLS APPLICABLE ONLY TO DRAWINGS OF DISCIPLINE OTHER THAN ARCHITECTURAL, REFER TO SPECIFIC DRAWINGS OF THAT GENERAL DEMOLITION NOTES DISCIPLINE.

B FIELD VERIFY CONDITIONS AND COORDINATE DEMOLITION OR REMOVAL WORK WITH CORRESPONDING NEW CONSTRUCTION WORK AND WITH ALL APPROPRIATE TRADES PRIOR TO STARTING DEMOLITION WORK. IF DISCREPANCIES ARE FOUND BETWEEN CONTRACT DOCUMENTS AND ACTUAL FIELD CONDITIONS, NOTIFY ARCHITECT IMMEDIATELY.

C OWNER SHALL REMOVE LOOSE ITEMS, I.E. EQUIPMENT, FURNITURE, ARTWORK, PLAQUES, ETC., PRIOR TO CONTRACTOR'S START OF WORK IN SPECIFIED AREAS. WHERE PARTIAL OCCUPANCY, CONTRACTOR SHALL COORDINATE SCHEDULE WITH OWNER.

D REMOVE ITEMS TO BE DEMOLISHED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED. DESCRIPTION OF PRIMARY ITEMS TO BE REMOVED IS GENERAL IN NATURE, AND REMOVAL OF SECONDARY COMPONENTS SUCH AS BLOCKING, SUPPORTS, ANCHORS, TRIM, ADHESIVE, PIPING, WIRING, ETC., RELATED TO PRIMARY ITEMS SHALL BE INCLUDED.

E PROTECT EXISTING SURFACES TO REMAIN IN AREAS ADJACENT TO DEMOLITION WORK. CONTRACTOR TO REPAIR EXISTING SURFACES TO REMAIN DAMAGED DURING CONSTRUCTION AND DEMOLITION.

F PATCH EXISTING FLOOR, WALL, AND CEILING CONSTRUCTION AT ABANDONED PENETRATION LOCATIONS WITH NEW MATERIALS AS REQUIRED TO RECEIVE NEW FINISHES AND TO MAINTAIN ORIGINAL FIRE RATING ASSEMBLY WHERE APPLICABLE.

H DEMOLISHED MATERIALS ARE THE PROPERTY OF THE CONTRACTOR UNLESS NOTED OTHERWISE AND SHALL BE PROMPTLY DISPOSED OFF SITE IN A LEGAL MANNER.

I REPAIR FINISHES AND SURFACES LEFT EXPOSED BY DEMOLITION OR REMOVAL OF EQUIPMENT USING NEW MATERIALS TO MATCH SURROUNDING SURFACES. REPAIR EXISTING FLOOR, BASE, WALL AND CEILING FINISHES TO CORRECT DEFECTS CAUSED OR EXPOSED BY DEMOLITION WORK OR EQUIPMENT REMOVAL. REPAIRED SURFACES SHALL BE SMOOTH AND UNDETECTABLE UNDER FINAL FINISHES. AREAS NOTED ON THE DWGS. TO BE REPAIRED OR PATCHED ARE GIVEN FOR REFERENCE AND SHALL NOT BE INTERPRETED TO LIMIT THE SCOPE OF WORK.

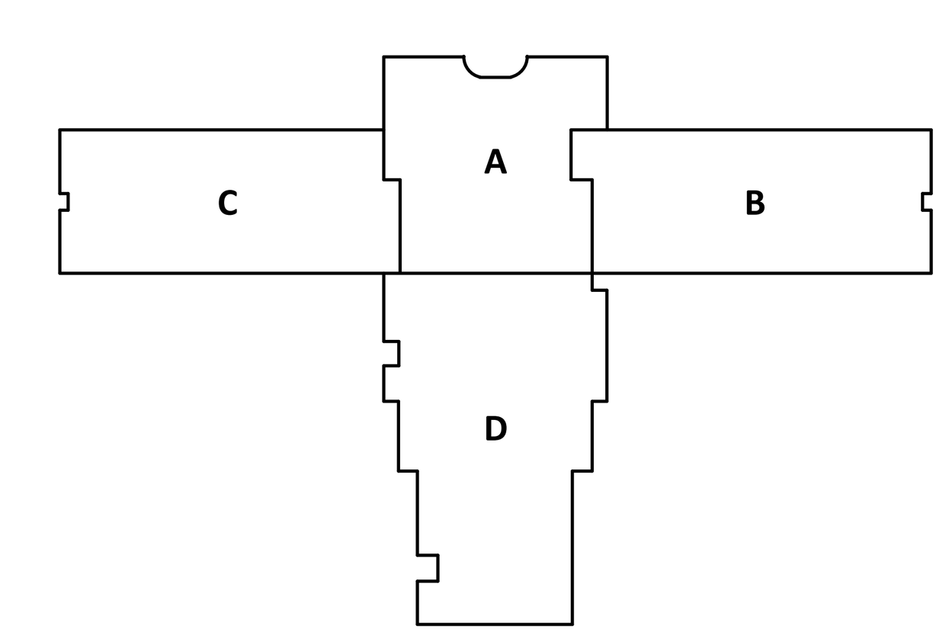
J DIMENSIONAL INFORMATION FOR NEW OPENINGS INDICATED ON DEMOLITION DWGS. ARE APPROXIMATE AND REQUIRE FIELD VERIFICATION AND COORDINATION WITH NEW CONSTRUCTION.

K PRIOR TO START OF DEMOLITION, DUST AND SOUND BARRIERS SHALL BE CONSTRUCTED.

L PROPER EGRESS AND APPROVED BARRIERS MUST BE MAINTAINED THROUGHOUT THE DEMOLITION AREA AT ALL TIMES.

M REMOVE DEBRIS DAILY.

#	KEYNOTE DESCRIPTION
02 41 00.H5	REMOVE EXISTING HOLLOW METAL SYSTEM IN ITS ENTIRETY. PREPARE TO RECEIVE NEW HOLLOW METAL SYSTEM.
02 41 00.H6	REMOVE EXISTING DOOR AND FRAME.



KEY PLAN

MATTHEW R. HIBNER REGISTERED NO. AR11300100 STATE OF INDIANA ARCHITECT
MATTHEW R. HIBNER
LICENSE #AR11300100
EXPIRATION DATE: 12/31/2025

GARMANN MILLER
MINSTER, OHIO | COLUMBUS, OHIO | INDIANAPOLIS, INDIANA | FORT WAYNE, INDIANA
cmdesign.com

IMPROVEMENTS FOR

DEKALB COUNTY CENTRAL UNITED SCHOOL DISTRICT WINDOW AND DOOR REPLACEMENT

2410 COUNTY ROAD 10 - ASHLEY, IN 46705

ISSUANCES/REVISIONS

	CONSTRUCTION DOCUMENTS	11/14/2025
1	CONSTRUCTION DOCUMENTS - ADDENDUM 01	12/12/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25022.00	ZLW	LDB

SHEET TITLE:

FIRST FLOOR DEMOLITION AND FLOOR PLAN - UNIT D

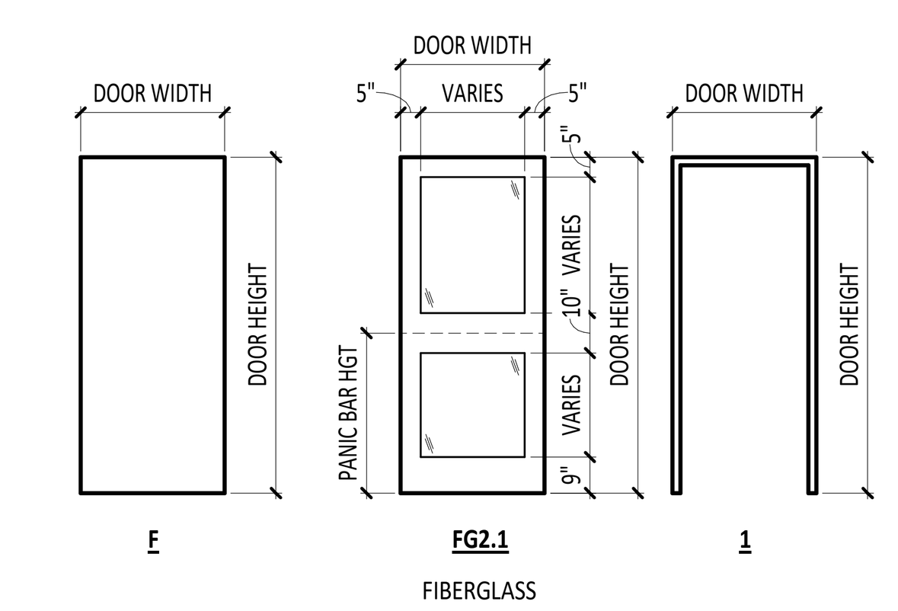
SHEET NUMBER:

CM-A1.4

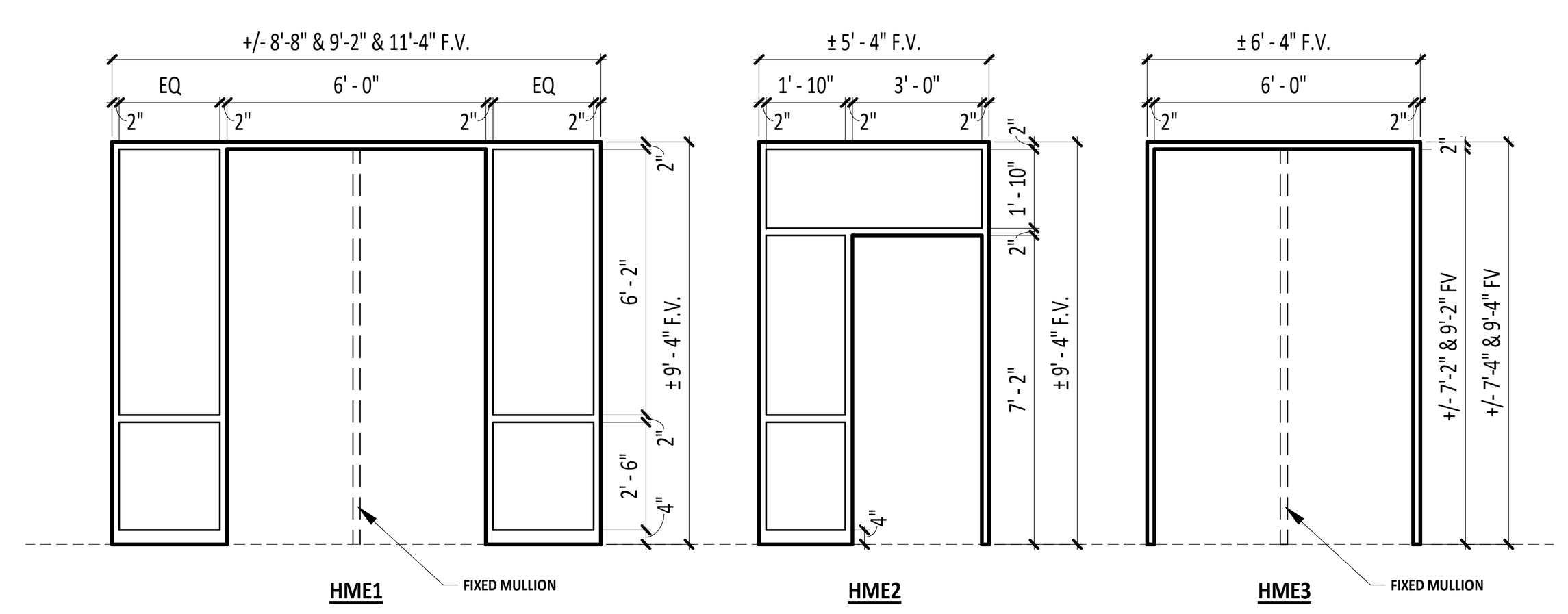
PRINTED ON: 12/4/2025 10:07:15 AM

DOOR/OPENING SCHEDULE

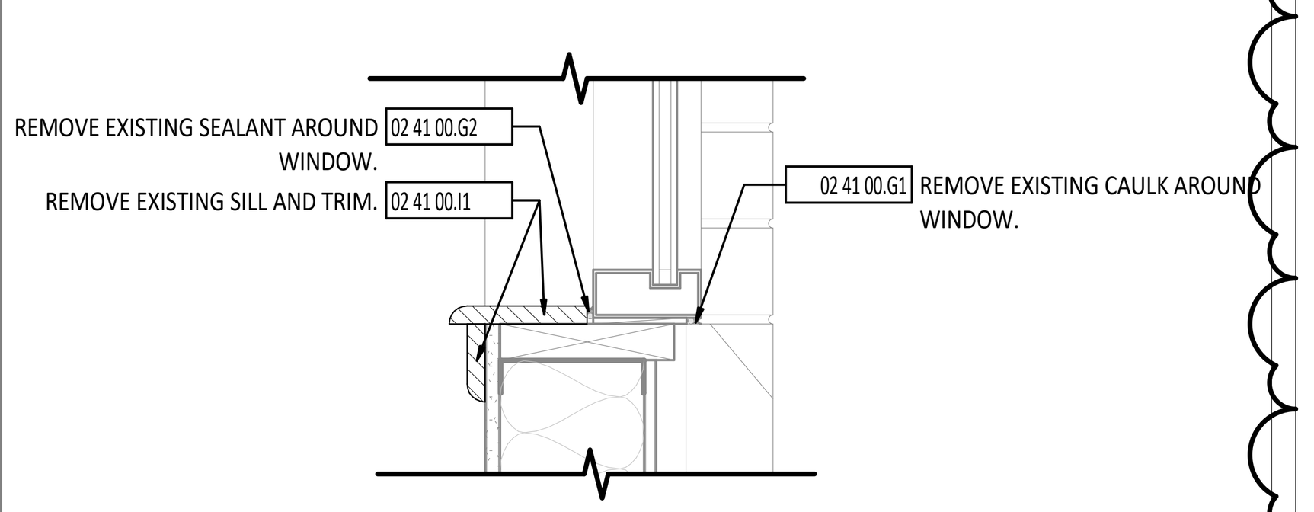
NUMBER	DOOR SIZE	DOOR THK	DOOR MATL	DOOR TYPE	DOOR GLASS	FRAME DEPTH	FRAME MATL	FRAME TYPE	FRAME GLASS	DETAIL NUMBER HEAD	DETAIL NUMBER JAMB	DETAIL NUMBER SILL	HARDWARE SET	ROOM KEY SIDE	FUNCTION	LABEL (MIN)	NOTES
01	(2) 3'-0" x 9'-2"	1 3/4"	FRP	FG2.1	EG2	9 1/2"	HM	HME1	EG2	6/CM-A6.1	13/CM-A6.1	14/CM-A6.1	001	-	Exterior	-	2
02	3'-0" x 7'-2"	1 3/4"	EX	EX	-	8 3/4"	EX	-	-	-	-	-			Exterior	-	1, 2
03	3'-0" x 7'-2"	1 3/4"	EX	EX	-	8 3/4"	EX	-	-	-	-	-			Exterior	-	1, 2
04	(2) 3'-0" x 9'-2"	1 3/4"	FRP	FG2.1	EG2	8 1/8"	HM	HME1	EG2	7/CM-A6.1	12/CM-A6.1	14/CM-A6.1	002	-	Exterior	-	2
05	(2) 3'-0" x 7'-2"	1 3/4"	FRP	FG2.1	EG2	8 1/8"	HM	HME3	EG2	7/A6.1	9/CM-A6.1	14/CM-A6.1	003	-	Exterior	-	2
06	3'-0" x 7'-2"	1 3/4"	FRP	FG2.1	EG2	8 1/8"	HM	HME2	EG2	7/A6.1	12/CM-A6.1	14/CM-A6.1	004	-	Exterior	-	2
07	3'-0" x 9'-2"	1 3/4"	FRP	F	-	8 3/4"	HM	1	-	8/A6.1	10/CM-A6.1	14/CM-A6.1	005		Exterior	-	2
07A	3'-0" x 9'-2"	1 3/4"	FRP	F	-	8 3/4"	HM	1	-	8/A6.1	10/CM-A6.1	14/CM-A6.1	005		Exterior	-	2
07B	(2) 3'-0" x 9'-2"	1 3/4"	FRP	F	-	8 3/4"	HM	1	-	8/A6.1	10/CM-A6.1	14/CM-A6.1	007		Exterior	-	2
08	(2) 3'-0" x 9'-2"	1 3/4"	FRP	F	-	8 3/4"	HM	1	-	8/A6.1	10/CM-A6.1	14/CM-A6.1	007		Exterior	-	2
09	3'-0" x 9'-2"	1 3/4"	FRP	F	-	8 3/4"	HM	1	-	8/A6.1	10/CM-A6.1	14/CM-A6.1	005		Exterior	-	2
10	3'-4" x 9'-2"	1 3/4"	FRP	F	-	8 3/4"	HM	1	-	8/A6.1	10/CM-A6.1	14/CM-A6.1	006		Exterior	-	2
11	(2) 3'-0" x 9'-2"	1 3/4"	FRP	FG2.1	EG2	8 1/8"	HM	HME1	EG2	7/A6.1	11,12/CM-A6.1	14/CM-A6.1	008	-	Exterior	-	2
12	(2) 3'-0" x 9'-2"	1 3/4"	FRP	FG2.1	EG2	8 1/8"	HM	HME3	EG2	7/A6.1	12/CM-A6.1	14/CM-A6.1	002	-	Exterior	-	2
13	(2) 3'-0" x 9'-2"	1 3/4"	FRP	FG2.1	EG2	8 1/8"	HM	HME1	EG2	7/A6.1	12/CM-A6.1	14/CM-A6.1	002	-	Exterior	-	2



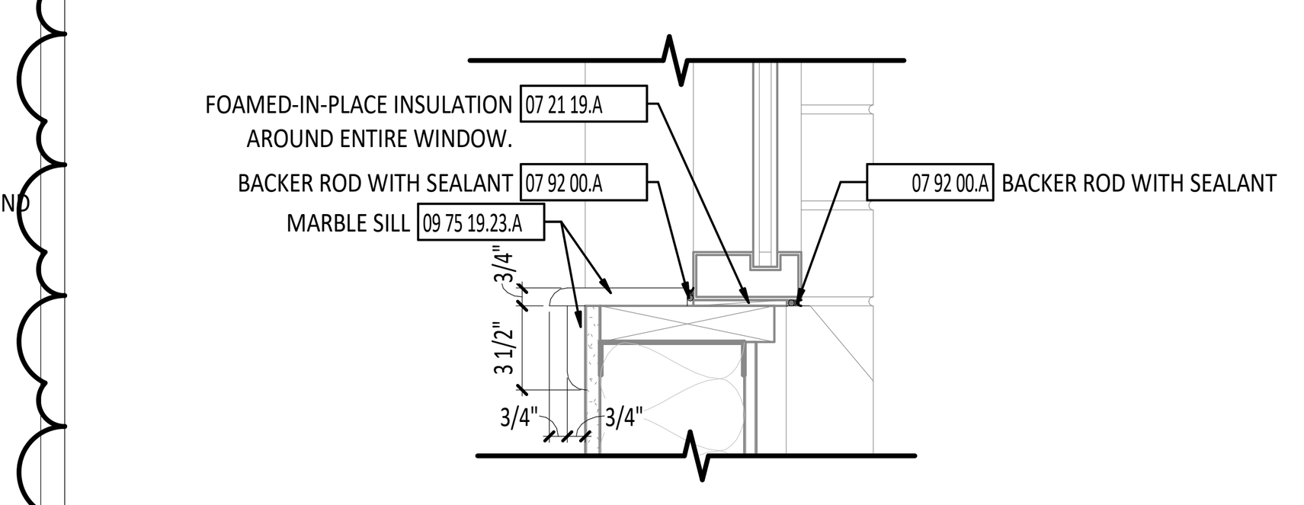
1 CM-A6.1 DOOR TYPES & FRAME TYPE
1/4" = 1'-0"



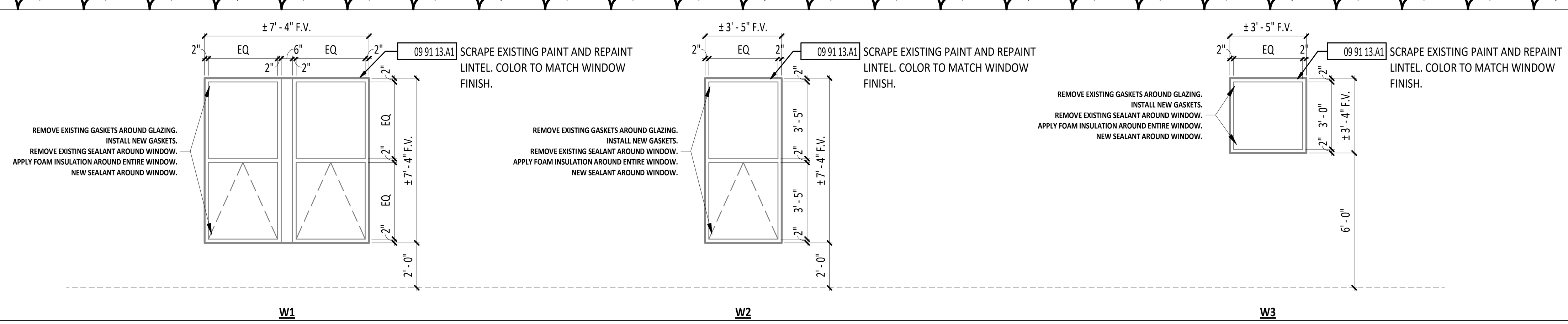
2 CM-A6.1 HOLLOW METAL ELEVATION
1/4" = 1'-0"



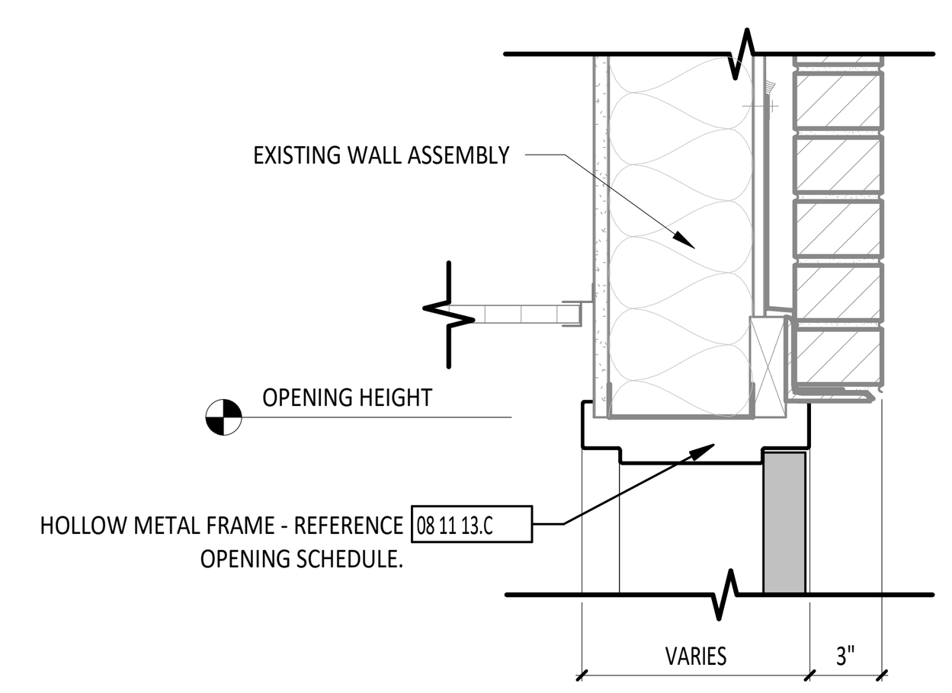
3 CM-A6.1 SILL DETAIL - EXTERIOR
1 1/2" = 1'-0"



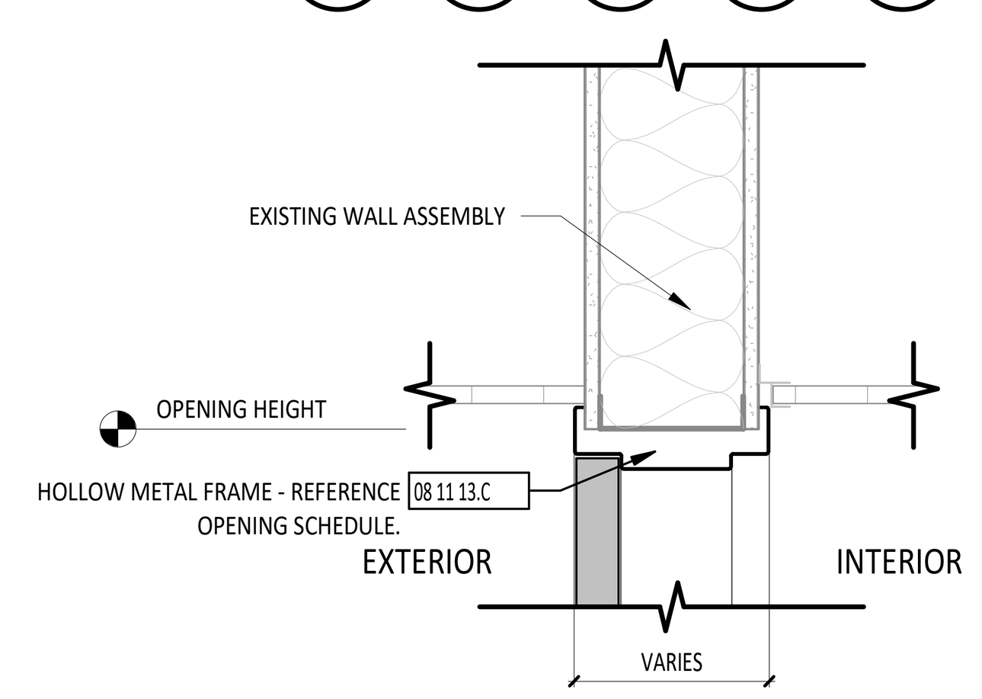
4 CM-A6.1 SILL DETAIL - EXTERIOR
1 1/2" = 1'-0"



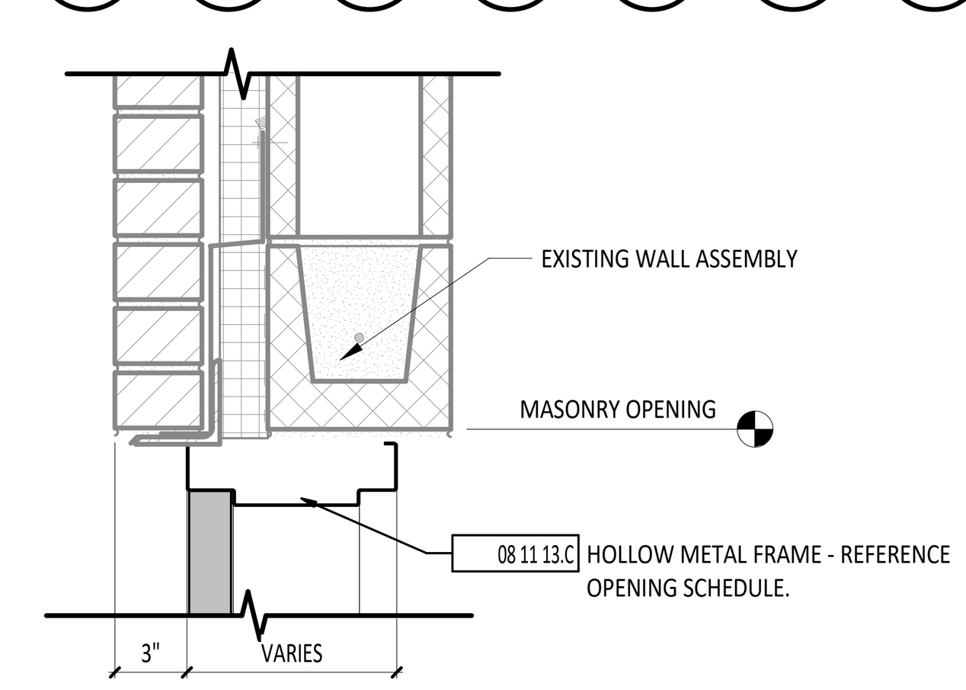
5 CM-A6.1 HOLLOW METAL DOOR FRAME TYPES
1/4" = 1'-0"



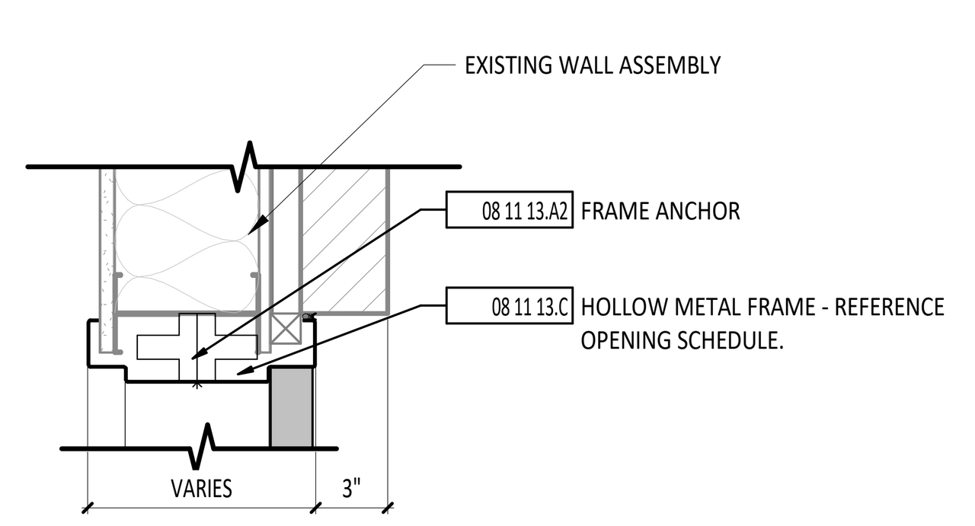
6 CM-A6.1 HEAD DETAIL - EXTERIOR
1 1/2" = 1'-0"



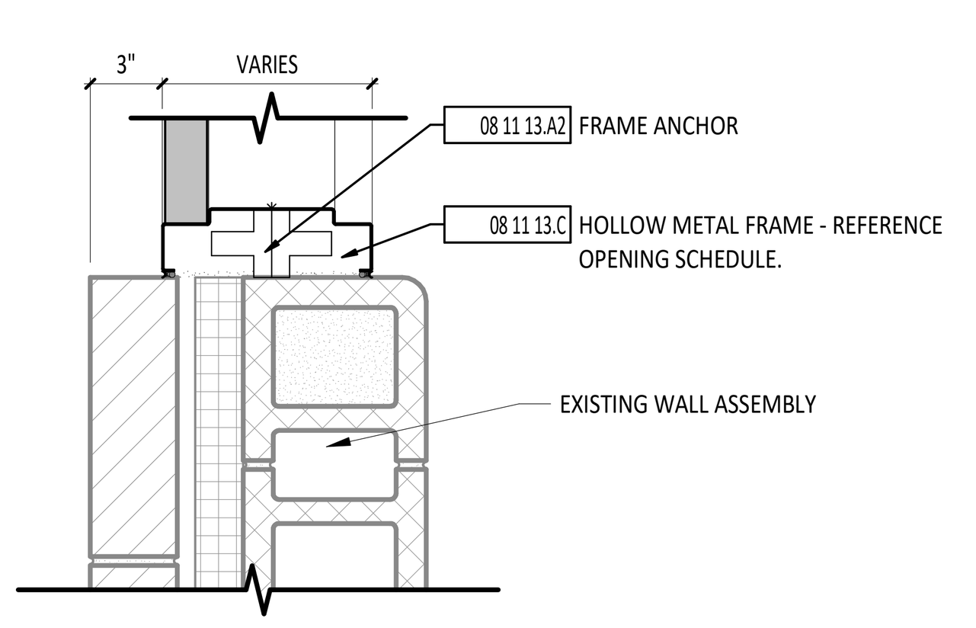
7 CM-A6.1 HEAD DETAIL - EXTERIOR
1 1/2" = 1'-0"



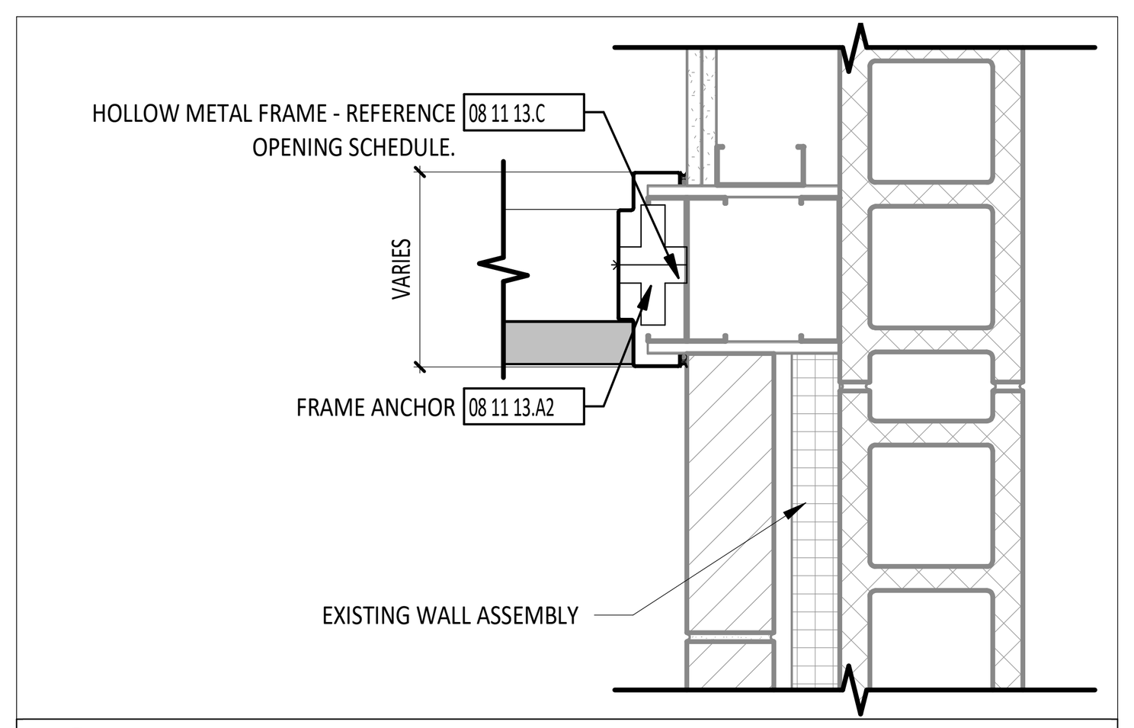
8 CM-A6.1 HEAD DETAIL - EXTERIOR
1 1/2" = 1'-0"



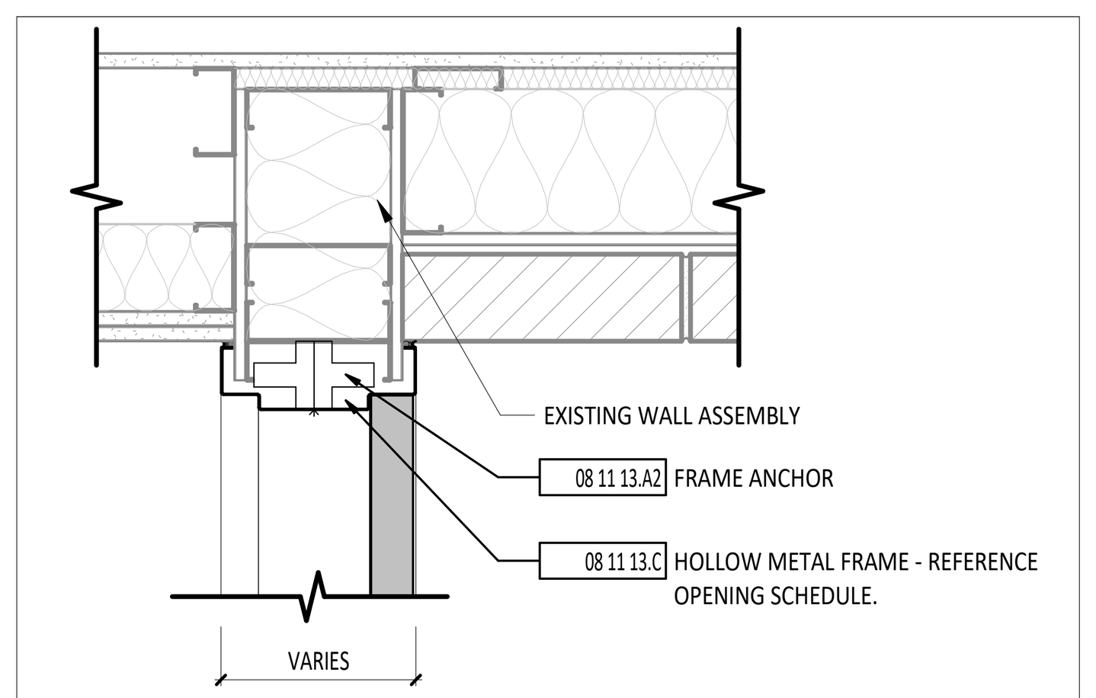
9 CM-A6.1 JAMB DETAIL - EXTERIOR
1 1/2" = 1'-0"



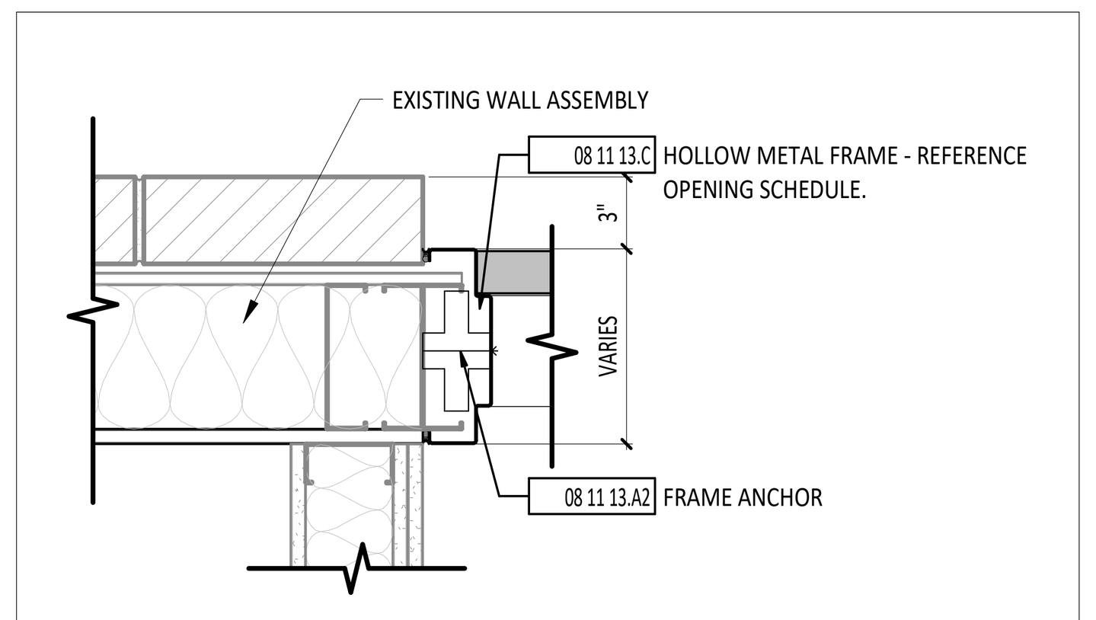
10 CM-A6.1 JAMB DETAIL - EXTERIOR
1 1/2" = 1'-0"



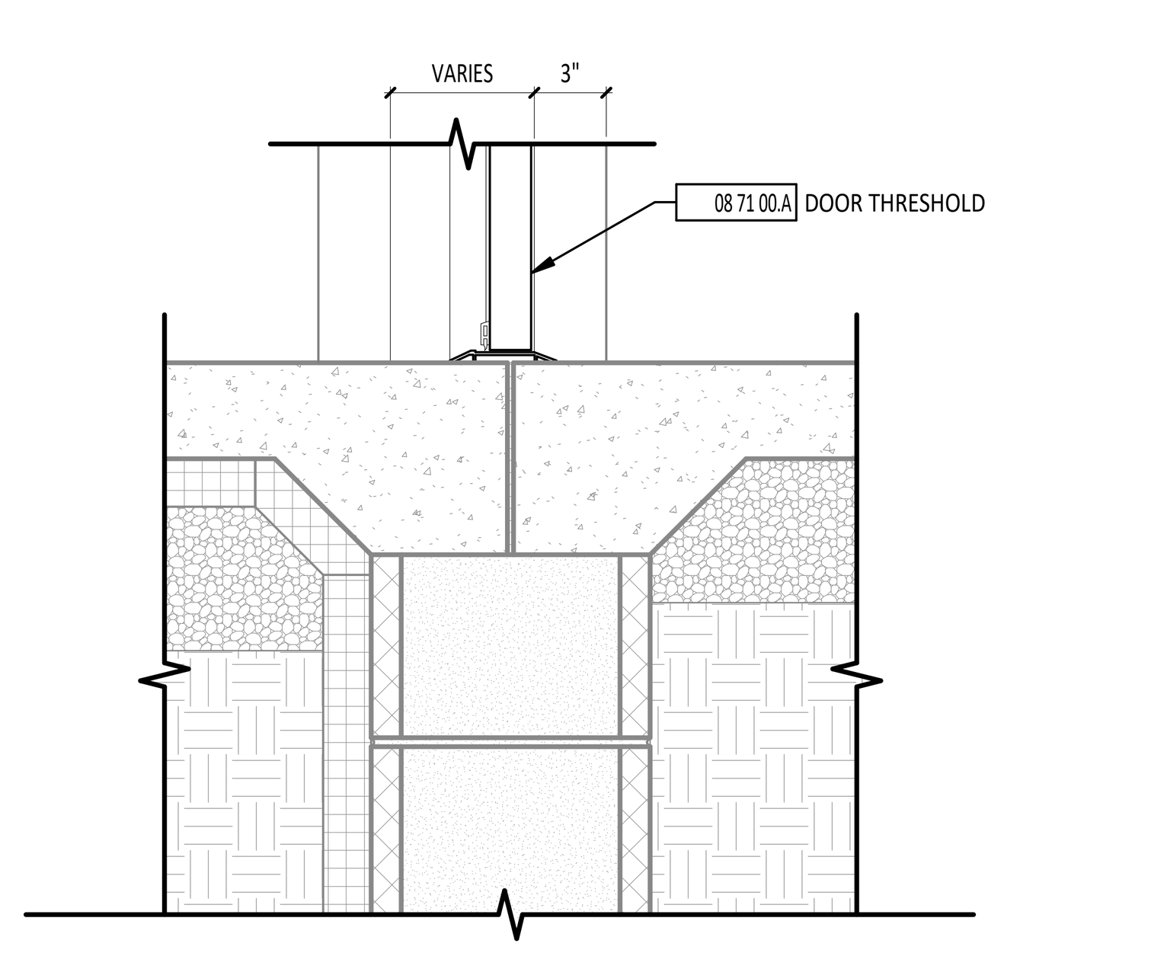
11 CM-A6.1 JAMB DETAIL - EXTERIOR
1 1/2" = 1'-0"



12 CM-A6.1 JAMB DETAIL - EXTERIOR
1 1/2" = 1'-0"



13 CM-A6.1 JAMB DETAIL - EXTERIOR
1 1/2" = 1'-0"



14 CM-A6.1 SILL DETAIL - EXTERIOR
1 1/2" = 1'-0"

DOOR GENERAL NOTES

- A REFERENCE A6 SHEETS FOR DOOR AND STOREFRONT DETAILS.
- B REFERENCE SPECIFICATION SECTION 08 71 00 FOR HARDWARE SETS.
- C ALL OPENING SIZES ARE TO BE FIELD VERIFIED BY CONTRACTOR.
- D NEW DOOR AND FRAME TO BE INSTALLED IN EXISTING WALL. OVERALL FRAME DEPTH AND THROAT DEPTH TO BE VERIFIED IN FIELD BEFORE FABRICATION.

DOOR/OPENING SCHEDULE ABBREVIATIONS

SYMBOL	DESCRIPTION
F	FLUSH
FG	FULL GLASS
HM	HOLLOW METAL
FRP	FIBER-REINFORCED POLYMER

DOOR/OPENING SCHEDULE NOTES

1. REMOVE EXISTING PAINT AND PREPARE DOOR AND FRAME TO RECEIVE NEW PAINT.
2. DOOR NUMBER VINYL DECALS.

EXTERIOR GLAZING TYPES

EG1 CLEAR TEMPERED

INTERIOR GLAZING TYPES

G1 CLEAR TEMPERED
G2 CLEAR LAMINATED
G3 FIRE-RATED

MATTHEW R. HIBNER REGISTERED NO. AR11300100 STATE OF INDIANA ARCHITECT

MATTHEW R. HIBNER
LICENSE #AR11300100
EXPIRATION DATE: 12/31/2025

GARMANN MILLER

IMPROVEMENTS FOR

DEKALB COUNTY CENTRAL UNITED SCHOOL DISTRICT WINDOW AND DOOR REPLACEMENT

2410 COUNTY ROAD 10 - ASHLEY, IN 46705

ISSUANCES/REVISIONS		
	CONSTRUCTION DOCUMENTS	11/14/2025
1	CONSTRUCTION DOCUMENTS - ADDENDUM 01	12/12/2025

PROJECT NUMBER:	DRAWN BY:	CHECKED BY:
25022.00	ZLW	LDB

SHEET TITLE:

DOOR SCHEDULE

SHEET NUMBER:

CM-A6.1

PRINTED ON: 12/11/2025 12:52:42 PM