

Eugene School District 4J
SEHS Window Replacement 2018 – Phase 1
400 E 19th Avenue
Eugene, OR 97401

Robertson/Sherwood/Architects pc
132 East Broadway – Suite 540
Eugene, Oregon 97401



ADDENDUM NO. 1

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated 24 April 2018 as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

P R O J E C T M A N U A L

1. DOCUMENT 01 11 00 – SUMMARY OF WORK

a. Article 1.7, Paragraph D: Add Sentence 4 to read as follows:

4. Adhere to safety requirements for Lead Containing materials as described in Section 09 90 00 – Painting and Coating.

2. DOCUMENT 02 41 00 - DEMOLITION

a. Article 1.02: Add Paragraph C to read as follows:

- C. Section 09 90 00 – Painting and Coating: Surface preparation of existing lead based paint.

3. DOCUMENT 07 62 00 – SHEET METAL FLASHING AND TRIM

a. Article 2.01: Add Paragraph B to read as follows:

- B. Pre-Finished Galvanized Steel: ASTM A653/A653M, with G90/Z275 zinc coating; minimum 24 gage (0.0239) inch thick base metal, shop pre-coated with PVDF coating.
 1. PVDF (Polyvinylidene Fluoride) Coating: Superior Performance Organic Finish, AAMA 2605; multiple coat, thermally cured fluoropolymer finish system.
 2. Color: White

b. Article 3.02: Add Paragraph C to read as follows:

- C. Trim: Pre-Finished Galvanized Steel 0.0239-inch PVDF

4. DOCUMENT 07 90 05 – JOINT SEALERS

a. Add Article 2.03, Paragraph A to read as follows:

2.03 FIRESTOPPING

- A Fiber firestopping with smoke seal coating, 3-hour rating; UL labeled system.

5. DOCUMENT 08 80 00 - GLAZING
 - a. Article 1.10, Paragraph B: Change Sealed Insulating Glass Units warranty period from five (5) years to ten (10) years.
6. DOCUMENT 09 90 00 – PAINTING AND COATING
 - a. Replace entire Document with updated attached Document.

D R A W I N G S

7. SHEET A102 – FLOOR PLAN
 - a. Drawing A1:
 - i. Revise two window types on the South Elevation from Type 1C to Type1D as indicated on updated attached Drawing.
 - ii. Add existing fire barriers and rated doors in south corridor as indicated on updated attached Drawing.
8. SHEET A201 – EXTERIOR ELEVATIONS
 - a. Drawings B1 & B3: Revise window type from Type 1C to Type 1D as indicated on updated attached Drawing.
 - b. Drawing D3: Add window type 1D as indicated on updated attached Drawing.
9. SHEET A301 – DETAILS
 - a. Add Drawing A2 – WINDOW AT EXISTING RATED WALL as included on updated attached Drawing.
 - b. Drawings A3 & A4:
 - i. Update details to more accurately reflect existing conditions.
 - ii. Add a continuous aluminum angle at the window sill.
 - iii. Revise head to accommodate deflection head receptor installation.
 - c. Drawings B3 & C4: Update details to more accurately reflect existing conditions.
 - d. Drawing D3: Revise dimensions of pan flashing as indicated on updated attached Drawing.

A P P R O V A L S

The following are approved based on information submitted to the Architect. Approval does not alter requirements of the Specifications or Drawings except where specifically noted otherwise. Contractor shall coordinate installation of approved products which the Contractor elects to use making such changes as may be required for the Work to be completed in all respects:

<u>Section</u>	<u>Item</u>	<u>Product/Manufacturers</u>
08 80 00	Glazing	SNX 62/27 / Guardian SunGuard

A T T A C H M E N T S

1. Pre-Bid Conference Attendance List
2. Specification Section 09 90 00 – Painting and Coating
3. Sheet A102 – Floor Plan
4. Sheet A201 – Exterior Elevations
5. Sheet A301 - Details

END OF ADDENDUM

PRE-BID CONFERENCE ATTENDEES

SEHS Window Replacement 2018

CIP # 420.660.033

Monday, April 30, 2018 @ 10:00 am

Name	Company	Address	Phone & Fax & email
Doug Jost	2 G Construction	1717 Irving Rd. Eugene, Or. 97402	541-689-3850 fax 541-689-3915 djost@2gconstruction.com
Joe Tokatly	McKenzie Glass (toured separately)	2219 Main St. Springfield, OR. 97477	541-726-7721 fax 541-726-0859 joet@mckenzieglass.net
J.R. Holland	Culver Glass Company	1697 W. 5th Ave. Eugene, OR 97402	541-343-3391 fax 541-343-9205 jholland@culver-glass.com
Butch Edwards	Culver Glass Company	1698 W. 5th Ave. Eugene, OR 97402	541-343-3391 fax 541-343-9205 butch@culver-glass.com
Justin Eichner	Culver Glass Company	1699 W. 5th Ave. Eugene, OR 97402	541-343-3391 fax 541-343-9205 justin@culver-glass.com
Jenni Rogers	Robertson Sherwood Arch.	132 East Broadway, Eugene OR 97402	541-342-8077 fax 541-345-4302 jrogers@robertsonsherwood.com
Don Philpot	Eugene SD 4J Project Mgr.	715 W, 4th Ave, Eugene, OR 97402	541-790-7430 fax 541-790-7420 philpot@4j.lane.edu

PAINTING AND COATING**PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Surface preparation.
- B. Field application of paints.
- C. Scope: Painting all new wood trim and adjacent surfaces effected by window replacement work.

1.02 RELATED REQUIREMENTS

- A. Section 06 62 00 - Finish Carpentry: Wood trim for site finishing.

1.03 REFERENCE STANDARDS

- A. ASTM D4442 - Standard Test Methods for Direct Moisture Content Measurement of Wood and Wood-Base Materials; 2007.

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on all finishing products, including VOC content.
- C. Samples: Submit two painted samples, illustrating selected colors and textures for each color and system selected with specified coats cascaded. Submit on gloss thick paper, 8-1/2 x 11 inch in size.
- D. Manufacturer's Instructions: Indicate special surface preparation procedures.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the products specified, with minimum three years documented experience.
- B. Applicator Qualifications: Company specializing in performing the type of work specified with minimum three years documented experience.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Deliver products to site in sealed and labeled containers; inspect to verify acceptability.
- B. Container Label: Include manufacturer's name, type of paint, brand name, lot number, brand code, coverage, surface preparation, drying time, cleanup requirements, color designation, and instructions for mixing and reducing.
- C. Paint Materials: Store at minimum ambient temperature of 45 degrees F and a maximum of 90 degrees F, in ventilated area, and as required by manufacturer's instructions.

1.07 FIELD CONDITIONS

- A. Do not apply materials when surface and ambient temperatures are outside the temperature ranges required by the paint product manufacturer.
- B. Follow manufacturer's recommended procedures for producing best results, including testing of substrates, moisture in substrates, and humidity and temperature limitations.
- C. Do not apply exterior coatings during rain or snow, or when relative humidity is outside the humidity ranges required by the paint product manufacturer.
- D. Minimum Application Temperatures for Latex Paints: 45 degrees F for interiors; 50 degrees F for exterior; unless required otherwise by manufacturer's instructions.

- E. Provide lighting level of 80 ft candles measured mid-height at substrate surface.

1.08 EXTRA MATERIALS

- A. See Section 01 60 00 - Product Requirements, for additional provisions.
- B. Supply 1 gallon of each color; store where directed.
- C. Label each container with color in addition to the manufacturer's label.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Provide all paint and coating products used in any individual system from the same manufacturer; no exceptions.

2.02 PAINTS AND COATINGS - GENERAL

- A. Paints and Coatings: Ready mixed, unless intended to be a field-catalyzed coating.
 1. Provide paints and coatings of a soft paste consistency, capable of being readily and uniformly dispersed to a homogeneous coating, with good flow and brushing properties, and capable of drying or curing free of streaks or sags.
 2. Supply each coating material in quantity required to complete entire project's work from a single production run.
 3. Do not reduce, thin, or dilute coatings or add materials to coatings unless such procedure is specifically described in manufacturer's product instructions.
- B. Primers: As follows unless other primer is required or recommended by manufacturer of top coats; where the manufacturer offers options on primers for a particular substrate, use primer categorized as "best" by the manufacturer.

2.03 PRODUCTS

- A. Exterior Latex Primer / Sealer:
 1. Rodda Paint Company, First Coat Primer
 2. The Sherwin Williams Company, ProBlock Primer Sealer
 3. Glidden, Gripper Interior/Exterior Primer
- B. Interior Latex Primer / Sealer:
 1. Rodda Paint Company, Scotseal 5078011
 2. The Sherwin Williams Company, PVA Drywall Primer Sealer
 3. Glidden, 1000-1200 Prep & Prime Hi-Hide
- C. Exterior Acrylic Latex - Semi-Gloss:
 1. Rodda Paint Company, Unique II Exterior
 2. The Sherwin Williams Company, Solo
 3. Glidden, Ultra-Hide 150 Exterior Acrylic Finish
- D. Interior Acrylic Latex Enamel - Semi-Gloss:
 1. Rodda Paint Company, Unique II 54200XX
 2. The Sherwin Williams Company, ProMar 200 B31W2651
 3. Glidden, 1416 Ultra-Hide
- E. Substitutions: See Section 01 60 00 - Product Requirements.

2.04 ACCESSORY MATERIALS

- A. Accessory Materials: Provide all primers, sealers, cleaning agents, cleaning cloths, sanding materials, and clean-up materials required to achieve the finishes specified whether specifically indicated or not; commercial quality.
- B. Patching Material: Latex filler.
- C. Fastener Head Cover Material: Latex filler.

PART 3 EXECUTION**3.01 EXAMINATION**

- A. Verify that surfaces are ready to receive work as instructed by the product manufacturer.
- B. Examine surfaces scheduled to be finished prior to commencement of work. Report any condition that may potentially affect proper application.
- C. Test shop-applied primer for compatibility with subsequent cover materials.
- D. Measure moisture content of surfaces using an electronic moisture meter. Do not apply finishes unless moisture content of surfaces are below the following maximums:
 - 1. Masonry, Concrete, and Concrete Unit Masonry: 12 percent.
 - 2. Interior Wood: 15 percent, measured in accordance with ASTM D4442.

3.02 PREPARATION – GENERAL

- A. Existing painted surfaces have numerous paint layers and bottom layers may contain lead based paint. Exhaustive tests have not been made to determine if there is any lead based paint. Should suspect layers be encountered notify District. Adhere to following Paragraph 3.03 for additional precautions for preparation of surfaces containing lead paint.
- B. Clean surfaces thoroughly and correct defects prior to coating application.
- C. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- D. Remove or mask surface appurtenances, including electrical plates, hardware, light fixture trim, escutcheons, and fittings, prior to preparing surfaces or finishing.
- E. Surfaces: Correct defects and clean surfaces which affect work of this section. Remove or repair existing coatings that exhibit surface defects.
- F. Seal surfaces that might cause bleed through or staining of topcoat.
- G. Remove mildew from impervious surfaces by scrubbing with solution of tetra-sodium phosphate and bleach. Rinse with clean water and allow surface to dry.
- H. Concrete and Unit Masonry Surfaces to be Painted: Remove dirt, loose mortar, scale, salt or alkali powder, and other foreign matter. Remove oil and grease with a solution of tri-sodium phosphate; rinse well and allow to dry. Remove stains caused by weathering of corroding metals with a solution of sodium metasilicate after thoroughly wetting with water. Allow to dry.
- I. Interior Wood Surfaces to Receive Opaque Finish: Wipe off dust and grit prior to priming. Seal knots, pitch streaks, and sappy sections with sealer. Fill nail holes and cracks after primer has dried; sand between coats. Back prime concealed surfaces before installation.

3.03 SURFACE PREPARATION – EXISTING LEAD BASED PAINT

- A. Prepare surfaces with the additional following precautions.
- B. Some paint in this project is assumed to be lead containing and where identified shall be prepared and painted according to the following guidelines. Contractor is solely responsible for protection of workers and the public. Safety precautions shall include, but not be limited to, the following
 - 1. Follow all regulatory agency requirements in the handling, collecting and disposal of lead containing paint. Comply with work practices outlined in the document "Lead Renovation, Repair, and Painting Rule" issued in 2010 by the Environmental Protection Agency.
 - 2. Maintain the safety of workers through the usage of respirators and other measures deemed appropriate by the contractor or as required by governmental agencies.

3. No power sanding, drilling, grinding, or sawing of lead based paint surfaces is permitted unless area is isolated and under negative air containment.
4. Cover areas with plastic sheeting to collect debris. Bag up and dispose of lead based material with rest of debris.
5. Avoid unnecessary scraping or sanding of lead based paint surfaces.
6. Surfaces are to be minimally hand sanded only. All visible dust created shall be promptly collected with a HEPA vacuum, and cleaned from building surfaces with damp cloth or sponge.
7. All debris from surface preparation shall be collected for safe disposal before the next school day. No one is to be able to walk through, breath, or otherwise be able to ingest potentially lead laden debris material.
8. Torches and heat guns are prohibited.
9. Dry abrasive blasting is prohibited.
10. Use of paint strippers is prohibited
11. Surfaces proven to not contain lead may be prepared without these additional preparation precautions. Testing swabs available from District for contractors use.

3.04 APPLICATION

- A. Apply products in accordance with manufacturer's instructions.
- B. Do not apply finishes to surfaces that are not dry. Allow applied coats to dry before next coat is applied.
- C. Apply each coat to uniform appearance.
- D. Sand wood surfaces lightly between coats to achieve required finish.
- E. Vacuum clean surfaces of loose particles. Use tack cloth to remove dust and particles just prior to applying next coat.

3.04 CLEANING

- A. Collect waste material that could constitute a fire hazard, place in closed metal containers, and remove daily from site.

3.05 SYSTEMS SCHEDULE - EXTERIOR

- A. Concrete:
 - 1. Prepare surfaces.
 - 2. One coat Exterior Primer.
 - 3. Two coats Exterior Acrylic Latex, Semi-Gloss.
 - 4. Colors: to match existing.

3.06 SYSTEMS SCHEDULE - INTERIOR

- A. Concrete:
 - 1. Prepare surfaces.
 - 2. One coat primer.
 - 3. Two coats Acrylic Latex Enamel, Semi-Gloss.
 - 4. Colors: To match existing.
- B. Wood Trim:
 - 1. Prepare surfaces.
 - 2. One coat wood primer.
 - 3. Two coats Acrylic Latex, Semi-Gloss.
 - 4. Color: To match existing.

END OF SECTION

GENERAL NOTES

1. REFER TO SHEET A201 FOR WINDOW TYPES.
2. OWNER IS RESPONSIBLE FOR TRIMMING VEGETATION IN FRONT OF WINDOWS IN THE NORTHERN CLASSROOMS AND OFFICES. PREPARE AND PAINT THE ENTIRE NORTH WALL FROM CORNER TO CORNER. IN CONNECTOR HALLWAY TOUCH-UP PAINT AS REQUIRED. MATCH EXISTING ADJACENT PAINT.
- 3.



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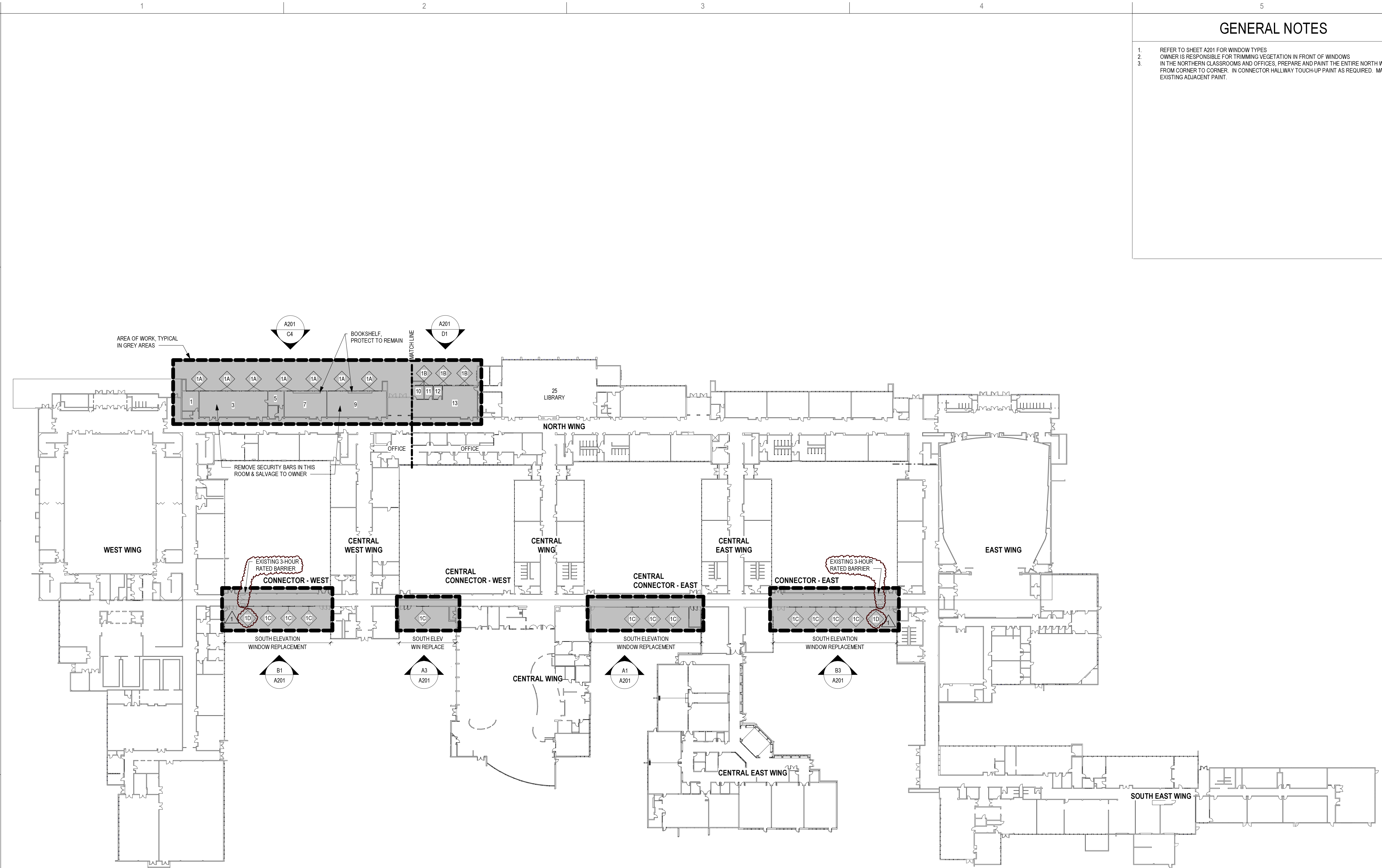
SEHS WINDOW REPLACEMENT 2018 - PHASE 1
CIP NUMBER: 420.660.033
EUGENE SCHOOL DISTRICT 4J
400 E 19TH AVENUE
EUGENE, OR 97401
BID SET

MARK	DATE	DESCRIPTION
1	5/7/18	AD-1

ISSUE DATE: 24 APRIL 2018
 ISSUE: BID SET
 PROJECT NO: 1737
 DRAWN BY: JR
 CHECKED BY: JMR
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FLOOR PLAN

A102

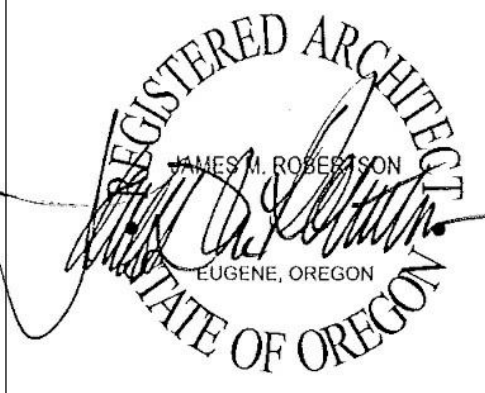


A1 FIRST FLOOR FLOOR PLAN - PHASE 1
A102 1" = 40'-0"

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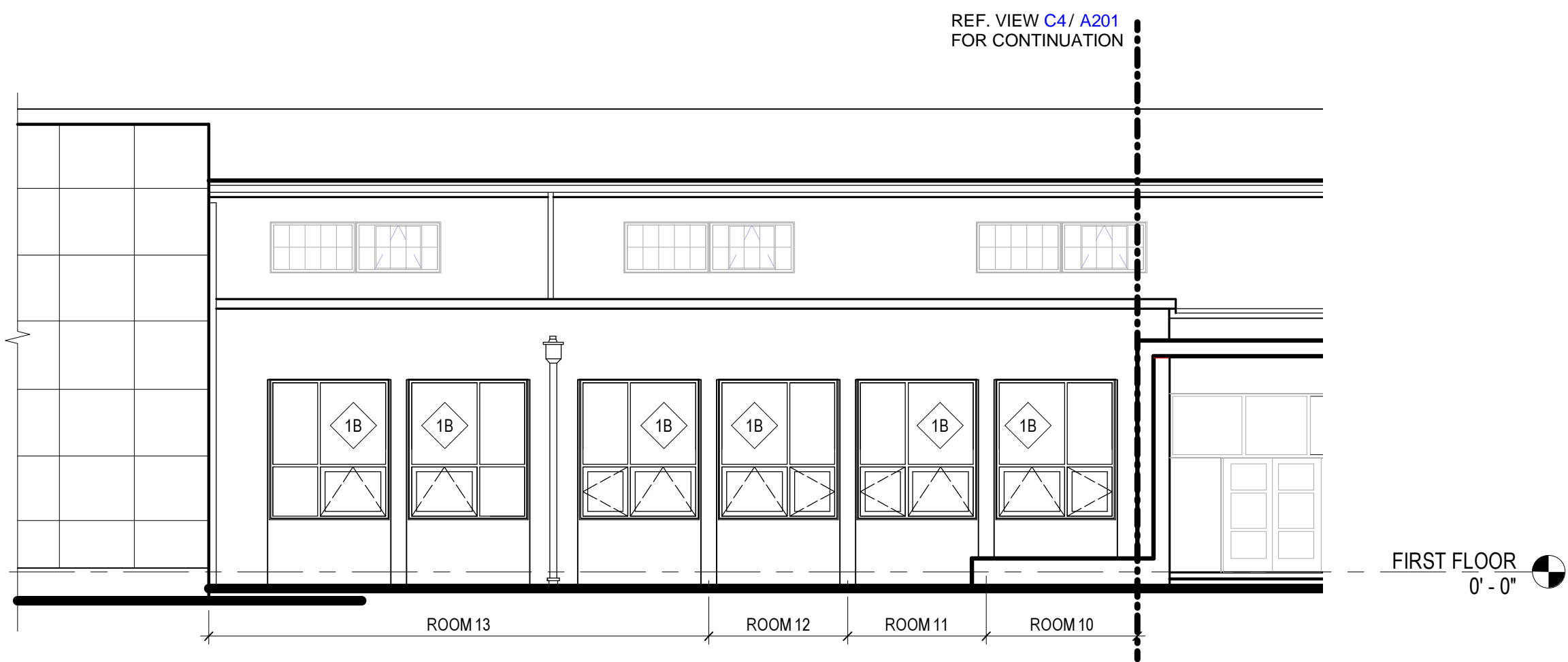
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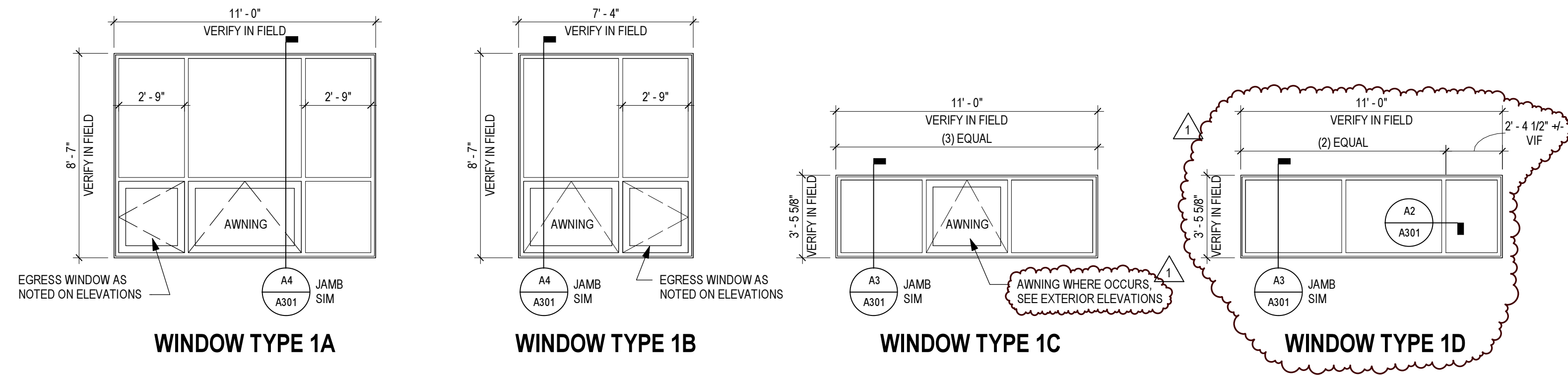
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EXTERIOR ELEVATIONS

A201



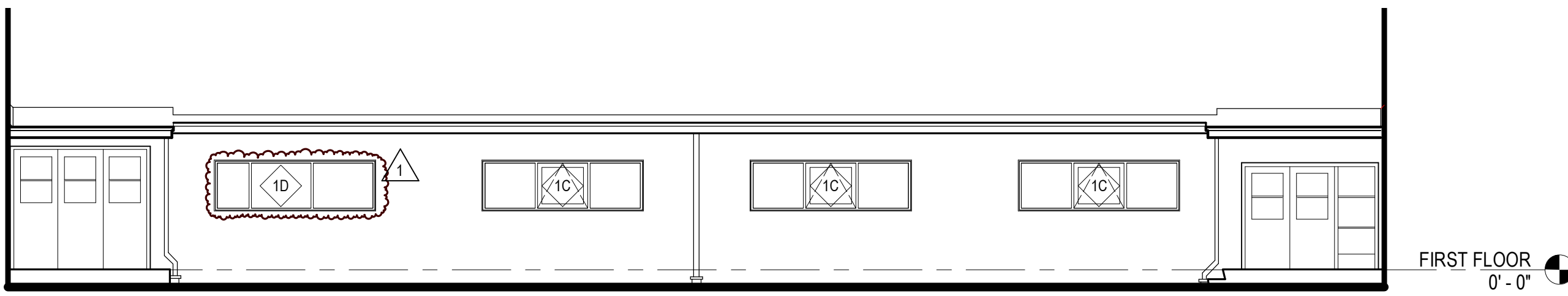
D1 NORTH WING - CENTRAL - NORTH ELEVATION
 A201 1/8" = 1'-0"



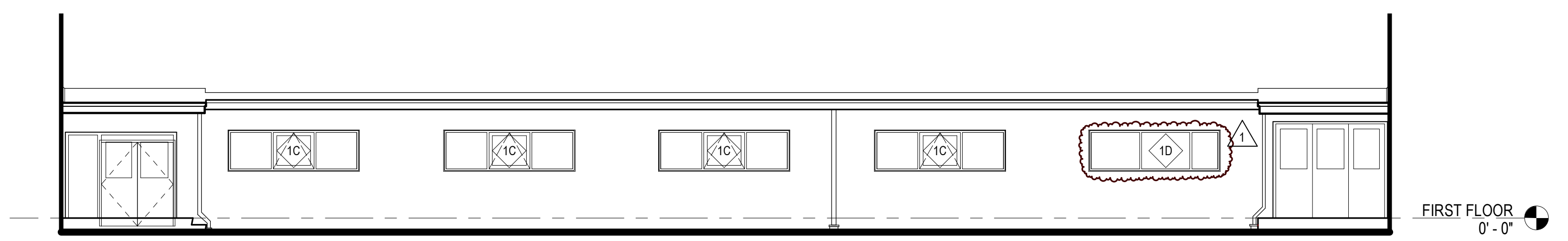
D3 WINDOW TYPES
 A201 1/4" = 1'-0"



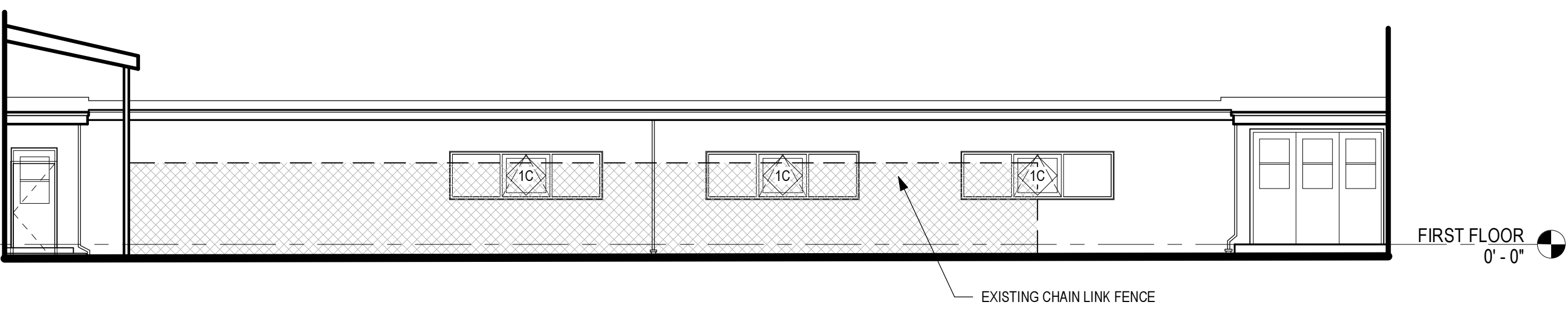
C4 NORTH WING - WEST - NORTH ELEVATION
 A201 1/8" = 1'-0"



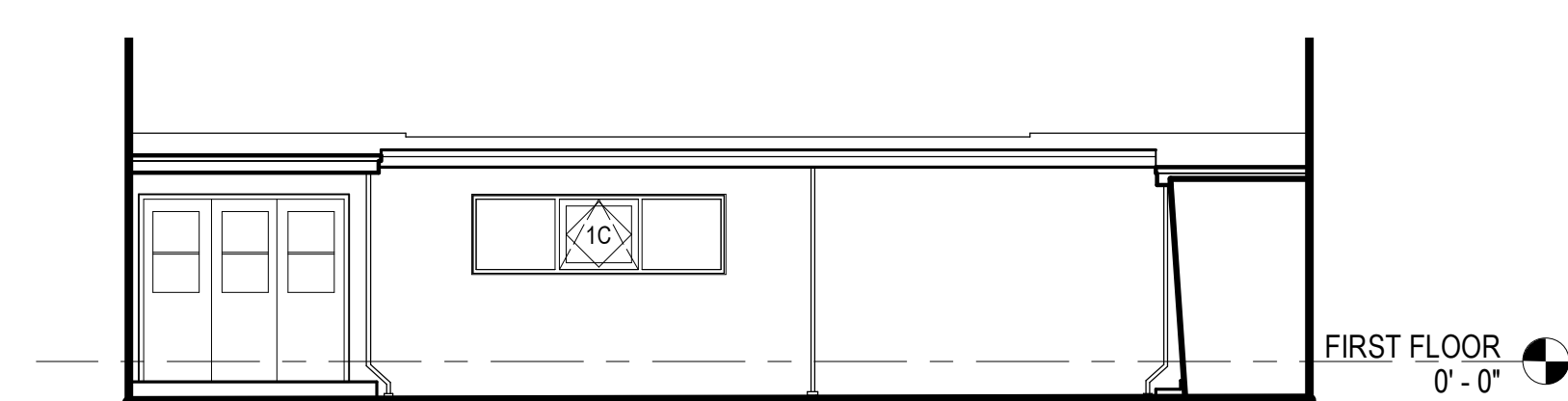
B1 CONNECTOR - WEST - SOUTH ELEVATION
 A201 1/8" = 1'-0"



B3 CONNECTOR EAST - SOUTH ELEVATION
 A201 1/8" = 1'-0"



A1 CENTRAL CONNECTOR EAST - SOUTH ELEVATION
 A201 1/8" = 1'-0"



A3 CENTRAL CONNECTOR WEST - SOUTH ELEVATION
 A201 1/8" = 1'-0"



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EUGENE SCHOOL DISTRICT 4J

400 E 19TH AVENUE

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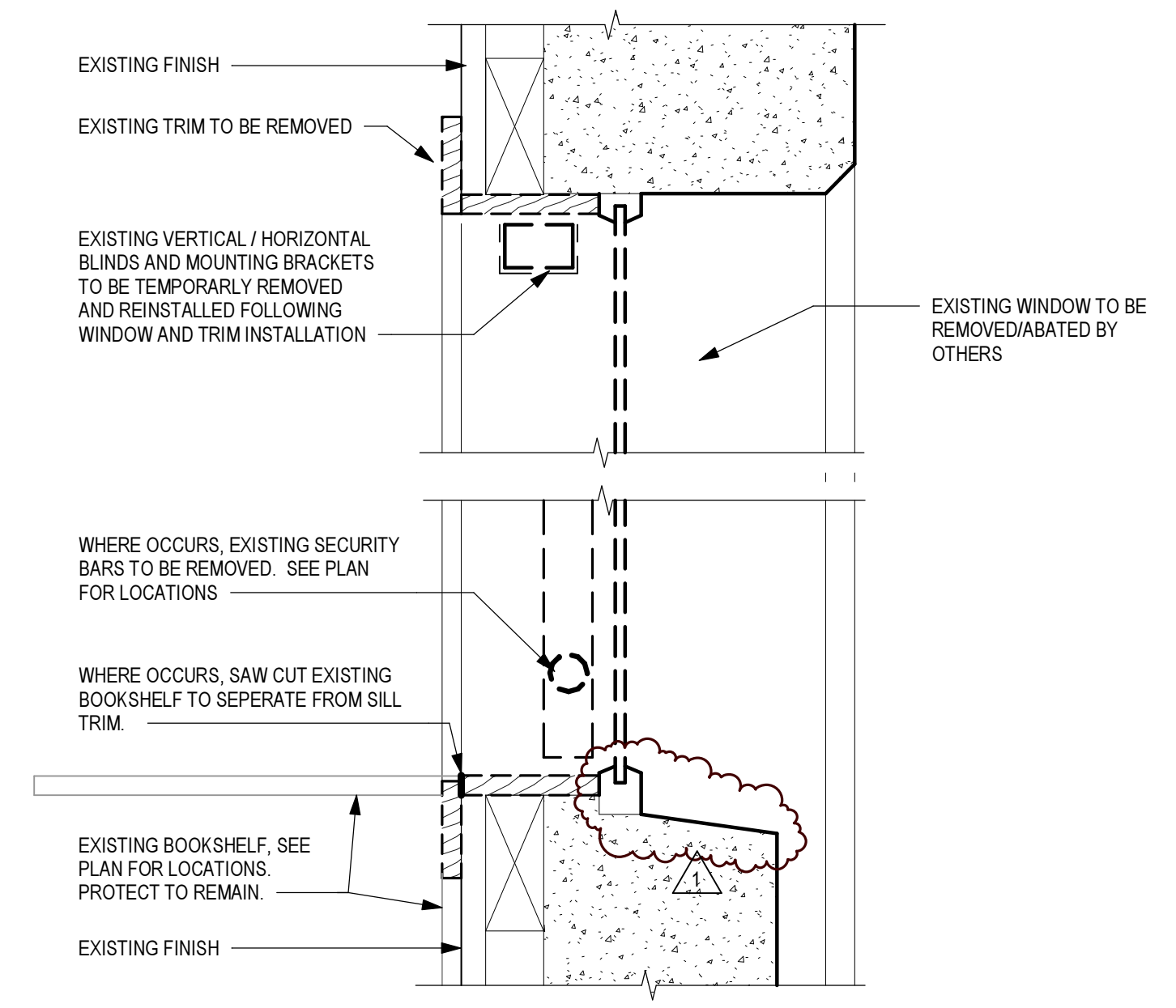
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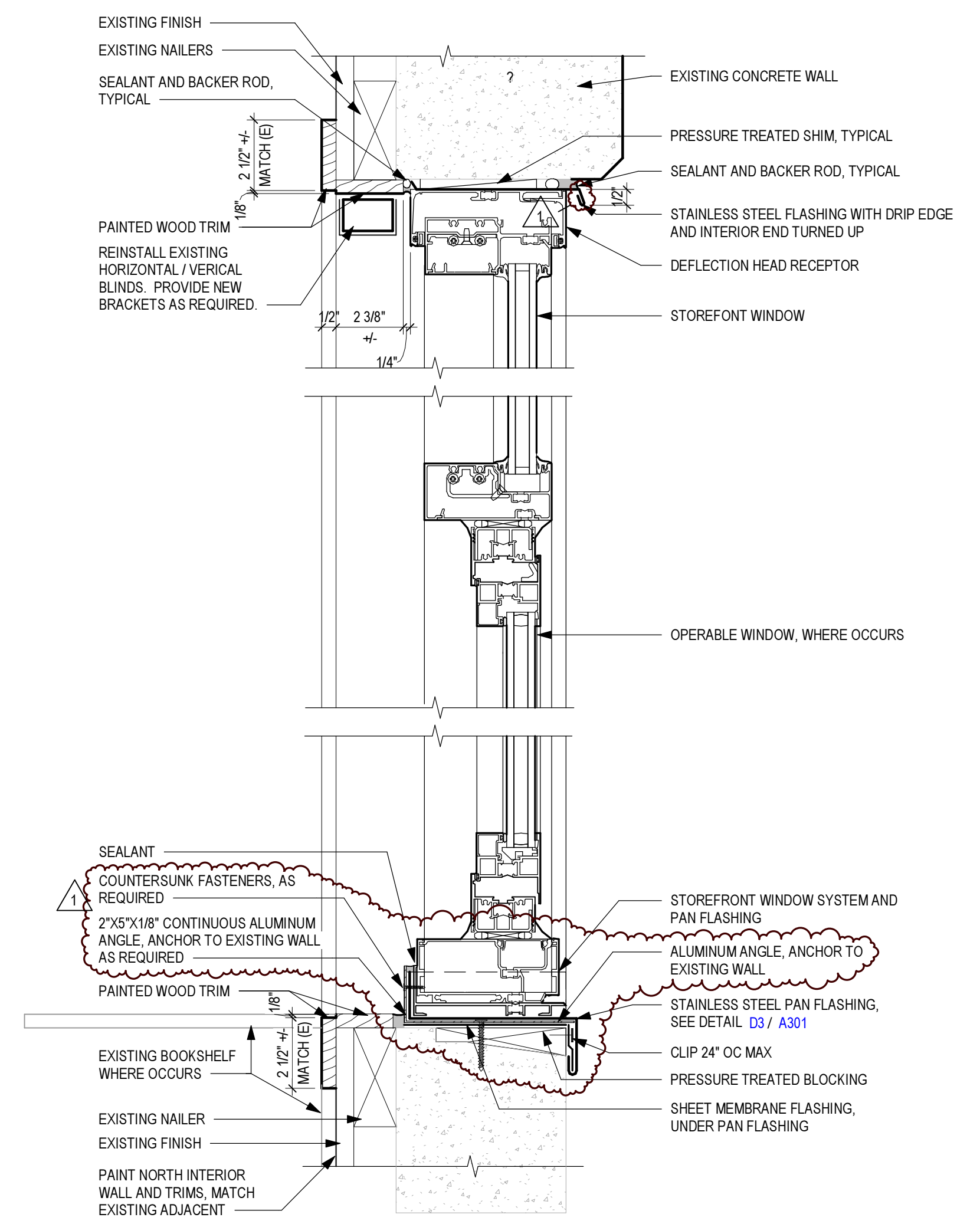
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DETAILS

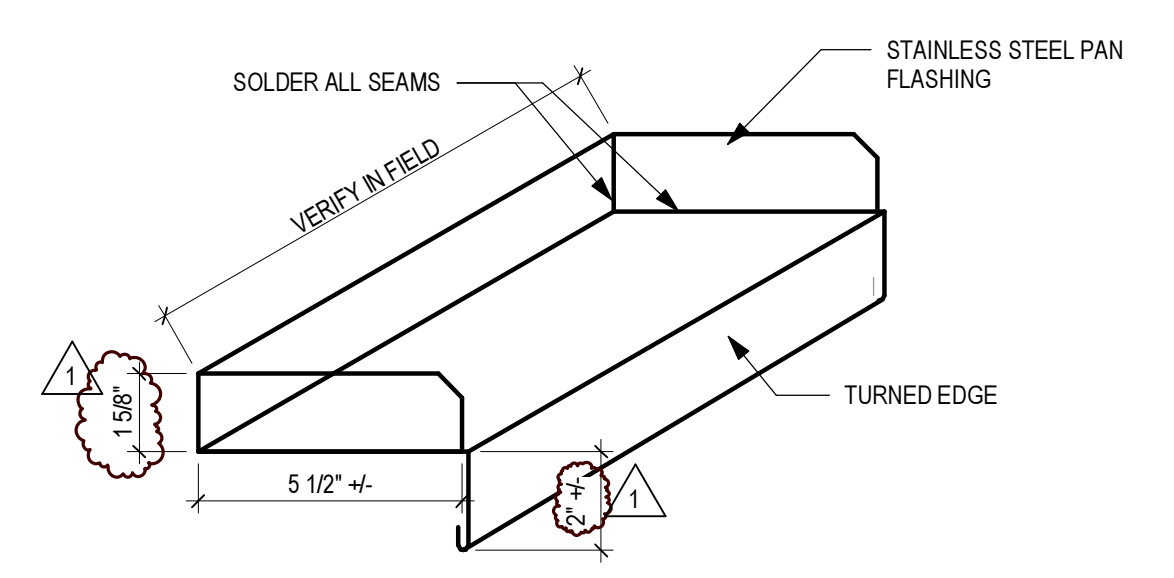
A301



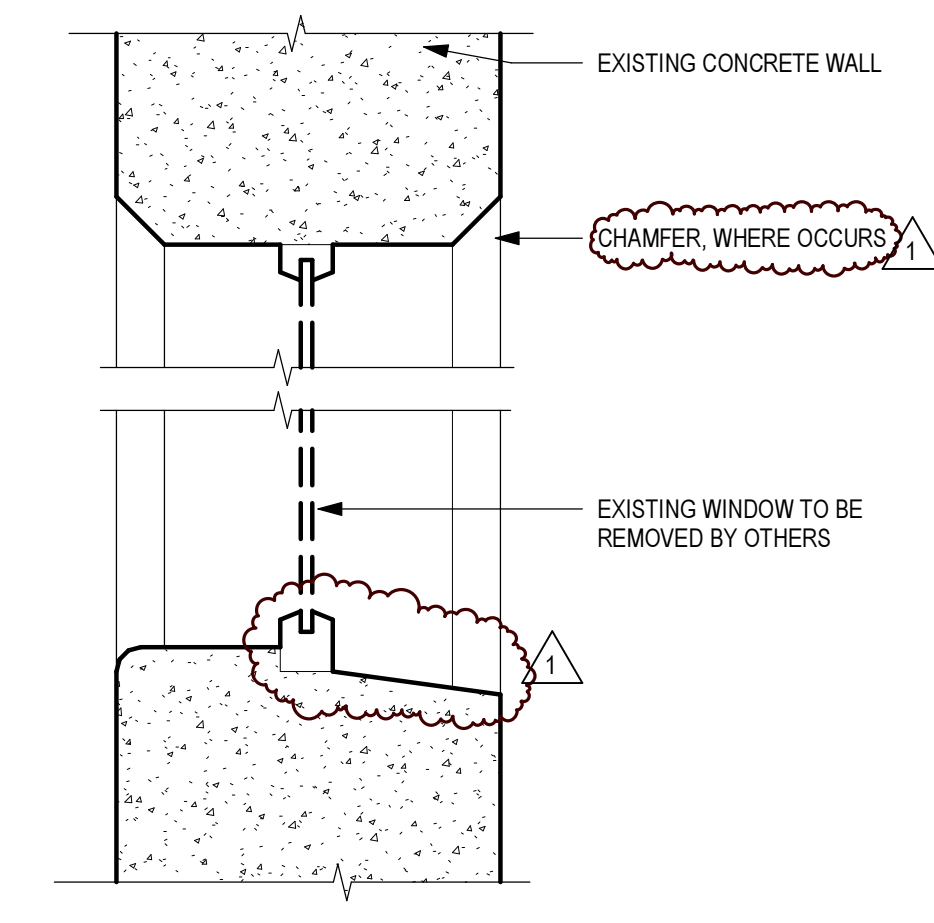
C4 EXISTING TYPICAL CLASSROOM WINDOW DEMOLITION
 A301 3" = 1'-0"



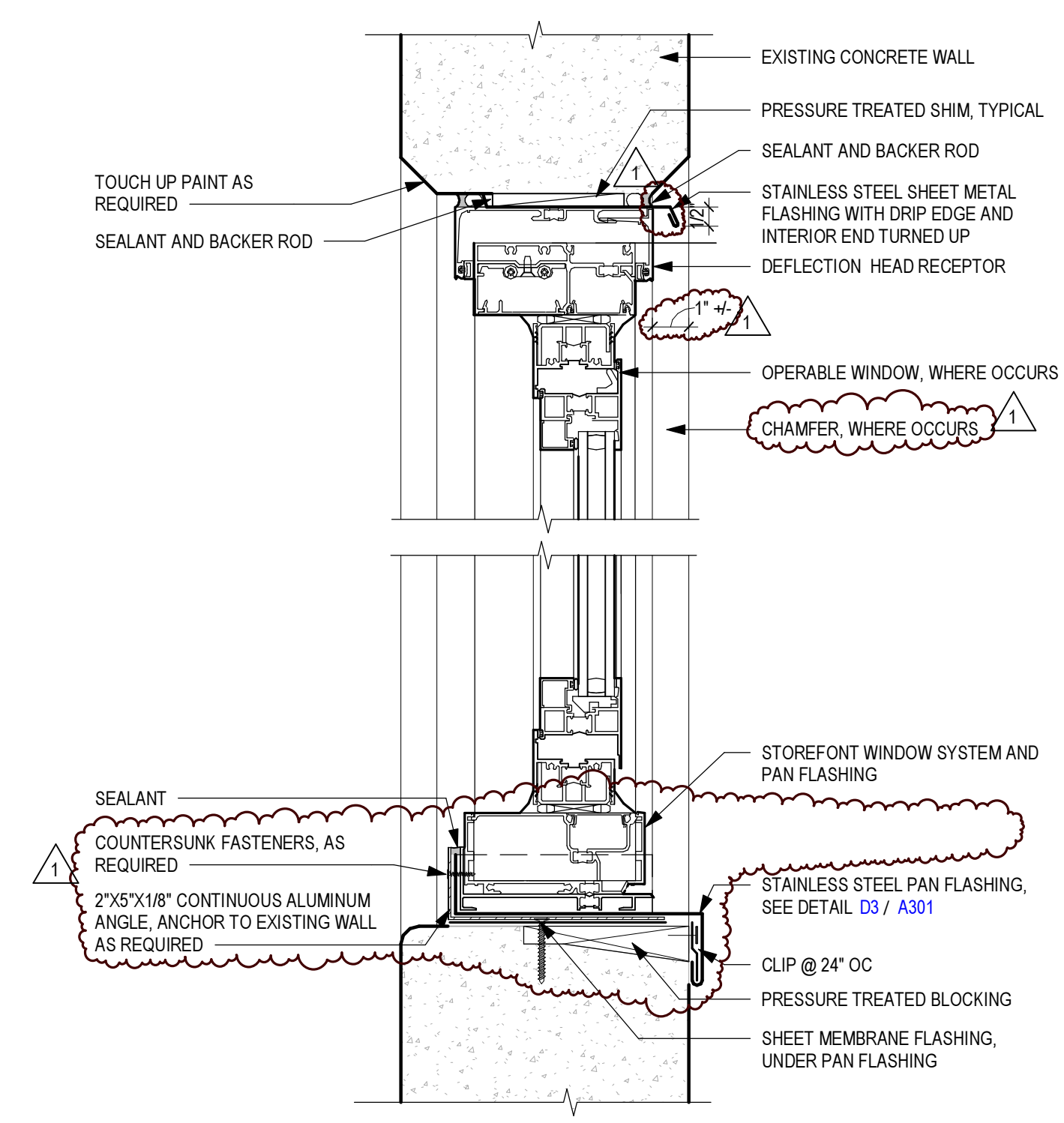
A4 TYPICAL CLASSROOM WINDOW DETAIL (JAMB SIM)
 A301 3" = 1'-0"



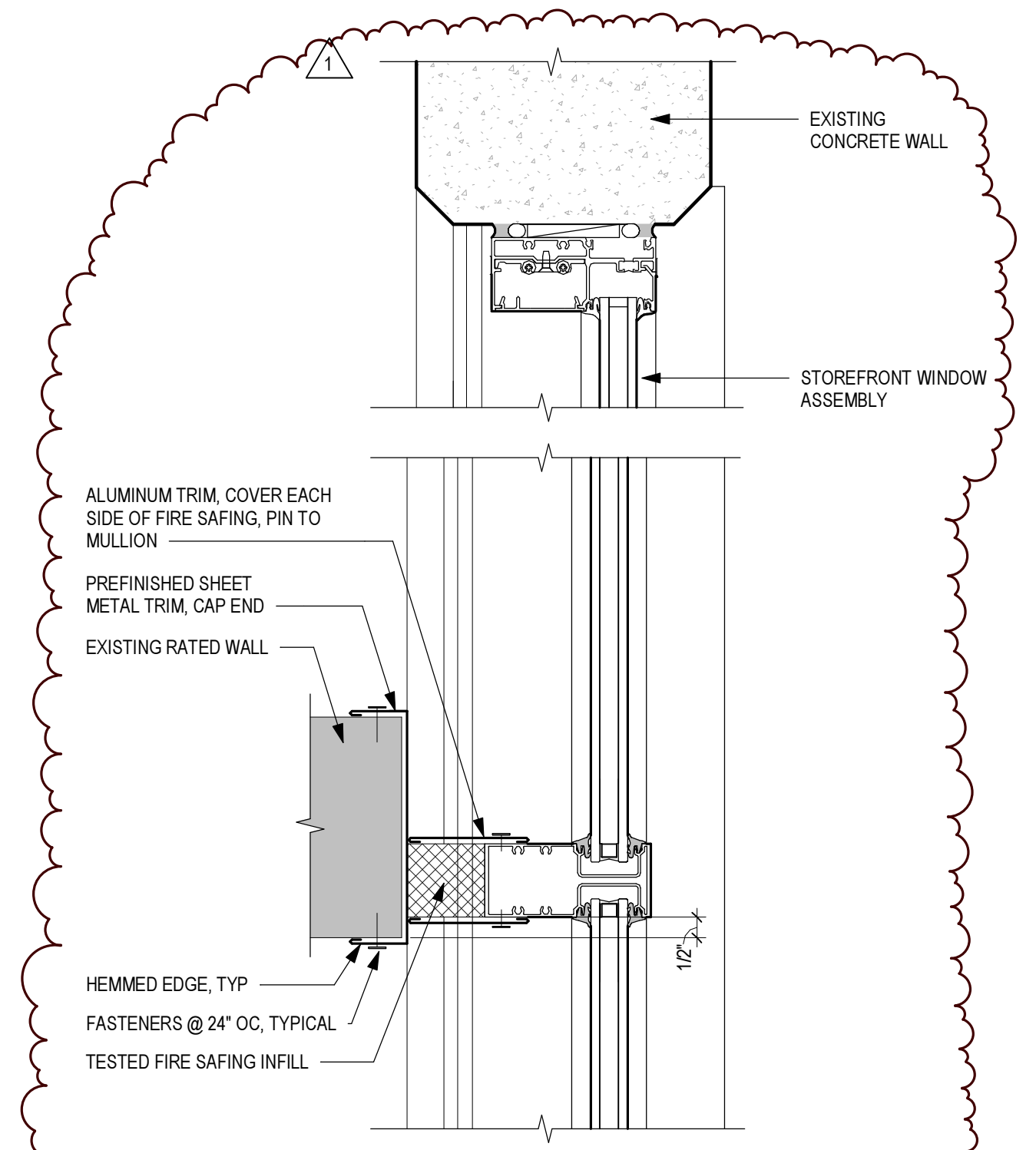
D3 PAN FLASHING ISO
 A301 3" = 1'-0"



B3 EXISTING TYP CONNECTOR HALL WINDOW DEMOLITION
 A301 3" = 1'-0"



A3 TYP CONNECTOR HALL WINDOW DETAIL (JAMB SIM)
 A301 3" = 1'-0"



A2 WINDOW AT EXISTING RATED WALL
 A301 3" = 1'-0"

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