

DOCUMENT 00 90 00
ADDENDUM

ADDENDUM No.: 2

DATE: February 27, 2025

RE: WESTERN TECHNICAL COLLEGE
AUTOMOTIVE TECHNOLOGY CENTER ADDITION AND REMODEL
2721 LARSON ST.
LA CROSSE, WISCONSIN 54603
PROJECT NO. 24061

FROM: HSR Associates, Inc
100 Milwaukee Street
La Crosse, WI 54603
(608) 784-1830

TO: Prospective Bidders

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated February 2025. Acknowledge receipt of this Addendum in the space provided on the bid form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of: 3 pages, 2 documents, 6 sections, and 13 drawings.

DOCUMENT

1. Document: Pre-Bid Meeting Sign-In Sheet

CHANGES TO INTRODUCTORY INFORMATION AND BIDDING REQUIREMENTS:

2. Document 00 41 00 Bid Form
 - a. See the revised document included in this addendum. Disregard the previous version.
 - b. Added alternate to include asphalt maintenance in the project. See No. 7.

CHANGES TO GENERAL REQUIREMENTS:

3. Section 01 23 00 Alternates
 - a. See the revised section included in this addendum. Disregard the previous version.
 - b. Added additional alternate to include asphalt maintenance in the project. See paragraph 1.01 G.

CHANGES TO SPECIFICATIONS:

4. Section 08 36 13 Sectional Doors
 - a. See the revised section included in this addendum. Disregard the previous version.
 - b. Revised paragraph 2.02 to allow both high lift and standard operating style.
5. Section 10 14 19 Dimensional Letter Signage
 - a. See the revised section included in this addendum. Disregard the previous version.
 - b. Revised paragraph 2.01 B.1. to change from sheet formed dimensional letters to cast aluminum dimensional letters.

6. Section 10 22 39 Folding Panel Partitions
 - a. See the revised section included in this addendum. Disregard the previous version.
 - b. Revised section to change from paired panels electrically operated to single panel manually operated. Revised listed manufacturers. Revisions throughout the revised section.
7. Section 10 28 00 Toilet, Bath, and Laundry Accessories
 - a. See the revised section included in this addendum. Disregard the previous version.
 - b. Added paragraph 2.04 B. to define products for sanitary napkin disposal units.
 - c. Added paragraph 2.05 to define requirements for infant diaper changing stations.
8. Section 32 25 34 Seal Coat Over Asphalt Pavement
 - a. See the new section included in this addendum.

CHANGES TO DRAWINGS

9. Sheet G000 COVERSHEET 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revised the index of drawings to list C101.
10. Sheet C101 PARKING AND SEAL COAT PLAN 30"x42"
 - a. See the new sheet included in this addendum.
11. Sheet A090 DEMOLITION PLAN – SEGMENT A 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Eliminated removal of existing flooring from the project in 121, 122, 123, 127, 128 & 133.
 - c. Revised key notes items 3, 11, & 15 to indicate salvaging items to the Owner.
 - d. Added key note 33 to require work at dyno tie-downs.
12. Sheet A091 DEMOLITION PLAN – SEGMENT B 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Eliminated removal of existing flooring from the project in 121, 122, 123, 127, 128 & 133.
 - c. Revised key notes items 3, 11, & 15 to indicate salvaging items to the Owner.
 - d. Added key note 33 to require work at dyno tie-downs.
13. Sheet A100 OVERALL FLOOR PLAN 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Added note to require concrete patching.
14. Sheet A101 FLOOR PLAN – SEGMENT A 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revised toilet room equipment in rooms 114 and 115.
 - c. Revised key note 10 to indicate lockers to be supplied by Contractor.
15. Sheet A102 FLOOR PLAN – SEGMENT B 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revised window type designations. See clouded changes.
 - c. Revised key note 10 to indicate lockers to be supplied by Contractor.
16. Sheet A201 EXTERIOR ELEVATIONS 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revised key note 9 to match new signage support detail.
 - c. Revised key note 13 to read "NOT USED". It wasn't previously called out on the sheet.
 - d. Added detail 4 to show the intended configuration for signage supports.

17. Sheet A210 CASEWORK & INTERIOR ELEVATIONS 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revised high desktop height. See clouded changes.
18. Sheet A302 WALL SECTIONS 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revised details 1 & 2 to show signage supports.
19. Sheet A400 ENLARGED 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Added diaper changing stations to detail 4 and revised hand drying accessories.
 - c. Revised detail 5 to show dimensions.
20. Sheet A601 DOOR SCHEDULE 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revised door 148.3 to high lift operating style.
21. Sheet A602 FRAME ELEVATIONS 30"x42"
 - a. See the revised sheet included in this addendum. Disregard the previous version.
 - b. Revised frame elevation 11 to change the designation from "B" to "Q".
 - c. Revised frame elevations 1 & 6 to clarify dimensions.

END OF DOCUMENT 00 90 00

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Pre-Bid Meeting Sign-In Sheet

February 25, 2025

PROJECT: WESTERN TECHNICAL COLLEGE
AUTOMOTIVE TECHNOLOGY CENTER ADDITION AND REMODEL
2721 LARSON ST
LA CROSSE, WI 54603
HSR PROJECT NO. 24061

BID OPENING: 2:00 PM, March 11, 2025

Name	Company
1. Michelle Maland	HSR
2. Doug Ramsey	HSR
3. Zach Woods	Lax Backhoe
4. Wade Woods	Lax Backhoe
5. MIKE ALLEN	Fowler & Hammer INC
6. MARK KELLER	SUMMIT FIRE
7. Zack Reyburn	Ledegar Sheet Metal
8. Caleb Carpenter	Borton Construction
9. Jim Fink	" "
10. Jordan Murray	Twin Towns Demolition
11. Jason Belter	fireline
12. Sam Furtak	Market + Johnson
13. Marcus Schindler	Market + Johnson
14. Jason Kuhnke	ONYX Builders
15. Hollis Erskine	Erskine Interiors
16. Tyler Suchla	Hunt Electric
17. PAT Popowich	Galileo
18. Landon Jorgenson	Fire Protection Sprinklers, LLC
19. Jeremy Viroch	WHV

Name	Company
20. Adam Gettelman	WHV
21. BRET MAFFNER	JF AHERN
22. Patrick Adatti	RSScerawski
23. Caleb Trinke	RSScerawski
24. Kai Rodgers	JF AHERN
25. Jake Beran	HSR
26. Jeff H.	HSR
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DOCUMENT 00 41 00

BID FORM

BIDDER: _____

BID FOR SINGLE PRIME CONTRACT

PROJECT: WESTERN TECHNICAL COLLEGE
AUTOMOTIVE TECHNOLOGY CENTER ADDITION AND REMODEL
2721 LARSON ST
LA CROSSE, WISCONSIN 54603
PROJECT NO. 24061

TO: WESTERN TECHNICAL COLLEGE
PHYSICAL PLANT OFFICE
505 9TH STREET NORTH
LA CROSSE, WISCONSIN 54601

No. 1: BASE BID

The undersigned, having examined the site where the Work is to be executed and become familiar with local conditions affecting the cost of the Work and carefully examined the Project Manual, the Project Drawings, all other Bidding Documents and Addenda thereto prepared by the AE, HSR Associates, Inc., hereby agrees to provide all labor, materials, equipment and services necessary for the complete and satisfactory execution of the ENTIRE WORK, in the time frame stipulated in these contract documents, for the Base Bid stipulated sum of:

_____ Dollars (\$_____ .00)

ALTERNATE BIDS

The undersigned further agrees to perform the alternative portions of the Work as described in the Project Manual, Section 01 23 00 Alternates, for the following additions to or deductions from the Base Bid sum stipulated above:

No. 2: Alternate – Interior Renovation and HVAC Demo

Add _____ Dollars (\$_____ .00)

No. 3: Alternate- HVAC

Add _____ Dollars (\$_____ .00)

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No. 4: Alternate - Exterior Upgrades

Add _____ Dollars (\$ _____ .00)

No. 5: Alternate – Replace Fiber Optic line between Diesel and Auto.

Add _____ Dollars (\$ _____ .00)

No. 6: Alternate – Lighting control replacement.

Add _____ Dollars (\$ _____ .00)

No. 7: Alternate – Asphalt Maintenance: Crack fill, seal coat and striping.

Add _____ Dollars (\$ _____ .00)

BIDDER'S CHOICE SUBSTITUTIONS

The following Bidder's Choice Substitution is proposed for your consideration subject to the requirements set forth in Document 00 22 13 Supplementary Instructions to Bidders, Subparagraph 3.3.4:

Substitution No. S1:

For substituting _____

Type, Brand, Catalog No. _____

Manufacturer _____

Deduct from BASE BID _____ Dollars (\$ _____ .00)

Substitution No. S2:

For substituting _____

Type, Brand, Catalog No. _____

Manufacturer _____

Deduct from BASE BID _____ Dollars (\$ _____ .00)

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In submitting this Bid, the undersigned agrees to:

1. Hold this Bid open for **30** days.
2. Accept the provisions of Instructions to Bidders regarding disposition of Bid Security.
3. Enter into and execute an Agreement, if awarded on the basis of this Bid, and to furnish Performance and Labor and Material Payment Bonds according to the Supplementary Conditions.
4. Accomplish work according to the Contract Documents.
5. Complete the work by the time stated in Section 01 10 00 Summary of the Work.

Receipt of the following Addenda and inclusion of their provisions in this Bid is hereby acknowledged:

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Attached hereto are the required:

- a. Bid Security
- b. Certificate of Organization and Authority
- c. Non-Collusive Affidavit: An affidavit in proof that the undersigned has not entered into any collusion with any person in respect to this Bid or any other bid or the submitting of bids for the contract for which this bid is submitted.
- d. Certification of Non-segregated Facilities

Affix Corporate
Seal (if corp.)

FIRM NAME: _____

Title: _____

By: _____

Title: _____

Date: _____

Official Address: _____

Telephone: _____

END OF DOCUMENT 00 41 00

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**SECTION 01 23 00
ALTERNATES**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Description of Alternates.

1.02 RELATED REQUIREMENTS

- A. Document 00 21 13 - Instructions to Bidders: Instructions for preparation of pricing for Alternates.

1.03 DESCRIPTION

- A. Conditions of the Contract and pertinent portions of Sections in Division One of this Project Manual, apply to the Work of this Section as fully as though repeated herein.
- B. This Section describes the alternates to the project. Refer to the Product/Execution Articles of the Contract Documents for information pertaining to the work of each alternate.
- C. Each proposal under an alternate shall include all incidental work and all adjustments necessary to accommodate the changes. All work shall meet the requirements of the Contract Documents.
- D. Each alternate proposal shall be submitted as an individual cost for the particular alternate and shall be proposed under the premise that no other alternates have been accepted. Should the work of an alternate called for by the Bid Form not affect the cost of the work, "No Change" shall be stated.
- E. Owner may, at Owner's option, vary the scope of the work by authorizing alternates which will add to the work, deduct from the work or substitute materials, equipment or methods.
- F. Immediately following Award of Contract, awarded Contractor shall prepare and distribute to each party involved, notification of the status of each alternate. Indicate whether alternates have been accepted, rejected, or deferred for consideration at a later date. Include a complete description of negotiated modifications to alternates, if any.

1.04 ACCEPTANCE OF ALTERNATES

- A. Alternates quoted on Bid Forms will be reviewed and accepted or rejected at Owner's option. Accepted Alternates will be identified in the Owner-Contractor Agreement.

THERE ARE SEPARATE CONTRACTS BY THE OWNER AND DIRECT PURCHASES ITEMS BY THE OWNER. REFER TO SECTION 01 10 00, 01 23 00, INDIVIDUAL SECTIONS AND DRAWINGS FOR COMPLETE DESCRIPTION OF WORK.

1.01 SCHEDULE OF ALTERNATES

- A. Entire Project Work includes interior and exterior renovations and additions to an existing single story 36,000 s.f. automotive technology training building. Work includes but is not limited to demolition, concrete, masonry, steel framing and deck, opening assemblies, plastic and mineral wool board insulation, foamed-in-place insulation, and exterior metal wall panels. Interior work includes gypsum assemblies, masonry partitions, wood casework and installation of automotive equipment. Finishes work includes resilient flooring, carpet, ceramic tile, acoustic ceilings, and linear metal ceilings. Plumbing work includes a fire protection system, new restrooms, roof drains, floor drains, and fixtures. HVAC work includes remove and replace existing systems. Electric work includes data, lighting, and power. Civil work includes pavement removal, earthwork, landscaping, paving, striping, and fencing. Coordinate construction work with Owner's roofing contractor hired under separate contract.
- B. No. 1: Base Bid – Building Additions: Erection of additions to the existing building including new 4,200 s.f. training bay and new 200 s.f. entry vestibule. Provide concrete, stoops, masonry, steel framing, steel joists decking, canopy structure, parapet framing, and sheathing. Modify existing exterior wall assemblies and mezzanine framing to accommodate the additions. Provide cladding assemblies including metal cladding, subgirt, insulation, weather barrier, wood blocking, fascia, scuppers, soffit and roof expansion joints for the additions. Provide exterior doors, exterior windows, and vestibule doors for the additions. Install new automotive maintenance equipment in the training bay addition. Finishes in the additions include interior paint finish, carpet tile and sealed concrete slabs. Provide building services to the additions including fire protection, plumbing (restrooms, fixtures, storm drain) and electric (data, lighting, and power). The work of this alternate does not include HVAC; include HVAC in No. 3 Alternate.

- C. No. 2: Alternate – Interior Renovation and HVAC Demo: Renovate interior of the existing building and remove existing HVAC systems. Work includes removal of existing items including cast in place concrete slabs, partitions, casework, equipment, finishes and HVAC equipment. Provide new structural masonry wall with footing. Provide steel stud and masonry partitions including hollow metal and flush wood doors. Provide folding panel room partition and architectural wood casework. Work includes removing, salvaging and reinstalling auto lifts to the adjacent building. Install new automotive maintenance equipment in the remodeled building. Provide finishes and accessories for the existing building including ceramic tiling, acoustical ceilings, resilient flooring, tile carpeting, sound absorbing units, paint, and toilet room accessories. Provide building services for the existing structure including fire protection, plumbing (restrooms, fixtures, storm drain) and electric (data, lighting, and power). The work of this alternate does not include HVAC; include HVAC in No. 3 Alternate.
- No. 3: Alternate- HVAC: Perform HVAC work for the entire project. Provide new equipment. Equipment includes, but is not limited to, roof top units, make up air units, condensing units, ventilation and vehicle exhaust systems, diffusers, ductwork, zone control. Weatherseal HVAC penetrations. Include demolition of existing HVAC equipment in No. 2 Alternate.
- D. No. 4: Alternate - Exterior Upgrades: Provide cladding assemblies including metal cladding, subgirt, insulation, weather barrier, wood blocking, fascia, scuppers and soffit for the existing building. Provide exterior doors and windows for the existing building. This includes storefront, curtainwall, bi-folding door, and sectional door assemblies. Prepare exterior surfaces of the existing building for installation of new HVAC equipment including curbs, louvers and penetrations. Electrical work includes new exterior lighting, adjusting existing wall mounted items for new cladding and exterior charging stations. Perform civil work including pavement removal, earthwork, landscaping, paving, striping, and fencing. The work of this alternate does not include HVAC; include HVAC in No. 3 Alternate.
- E. No. 5: Alternate – Replace Fiber Optic line between Diesel and Auto.
- F. No. 6: Alternate – Lighting control replacement.
- G. No. 7: Alternate – Asphalt Maintenance: Crack fill, seal coat and striping.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

SECTION 08 36 13
SECTIONAL DOORS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Overhead sectional doors, manually operated.
- B. Operating hardware and supports.
- C. Electrical controls.

1.02 RELATED REQUIREMENTS

- A. Applicable provisions of Division 1 govern the work of this section.
- B. Section 04 20 00 - Unit Masonry; Prepared opening in masonry.
- C. Section 05 50 00 - Metal Fabrications: Steel channel opening protection.
- D. Division 26: Equipment wiring.

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; 2023.
- B. ASTM E330/E330M - Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference; 2014 (Reapproved 2021).
- C. ITS (DIR) - Directory of Listed Products; Current Edition.
- D. NEMA ICS 2 - Industrial Control and Systems Controllers, Contactors and Overload Relays Rated 600 Volts; 2008 (Reaffirmed 2020).
- E. NEMA MG 1 - Motors and Generators; 2021.
- F. NEMA 250 - Enclosures for Electrical Equipment (1000 Volts Maximum); 2020.
- G. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
- H. UL (DIR) - Online Certifications Directory; Current Edition.
- I. UL 325 - Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems; Current Edition, Including All Revisions.

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements for procedures.
- B. Provide submittal transmittals that include all submittal items identified in each submittal group below.
- C. Review Submittals - Preparatory:
 - 1. Shop Drawings: Indicate opening dimensions and required tolerances, connection details, anchorage spacing, hardware locations, and installation details.
 - 2. Product Data: Show component construction, anchorage method, and hardware. When glass is installed include unit u-value, center of glass u-value, visual light transmittance and solar heat gain coefficient.
- D. Review Submittals - Samples:
 - 1. Samples: Submit two panel finish samples, 12 by 12 inch in size, illustrating color and finish.
- E. Information Submittals - Preparatory:
 - 1. Manufacturer's Installation Instructions: Include any special procedures required by project conditions.

- F. Closeout Submittals:
 - 1. Operation Data: Include normal operation, troubleshooting, and adjusting.
 - 2. Maintenance Data: Include data for motor and transmission, shaft and gearing, lubrication frequency, spare part sources.
 - 3. Extended Period: Submit certificate by Contractor acknowledging the section specific period to correct work described in this Section.
 - 4. Warranty Documentation: Submit documentation of manufacturer's warranty that acknowledges the requirements defined in this section.
 - a. Provide procurement information including date(s) of procurement, identification of suppliers and contractors involved in the procurement.
 - b. Provide manufacturer certification of the warranty that is executed in the Owner's name.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.
- B. Installer Qualifications: Company specializing in performing work of type specified and with at least three years documented experience.
- C. Comply with applicable code for motor and motor control requirements.

1.06 WARRANTY

- A. See Section 01 78 00 - Closeout Submittals for warranty requirements.
- B. Extended Period: Correct work in accordance with the terms of the General Conditions for a duration of not less than one year.
- C. Section Specific Warranty: Provide manufacturer's customized warranty as described in this section. Document the warranty as defined under the Submittals heading of this section. Provide warranty in conformance with the following:
 - 1. Provide 5-year manufacturer warranty for electric operating equipment. Complete forms in Owner's name and register with manufacturer.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Basis of Design: Thermacore Sectional Steel Doors 592 manufactured by Overhead Door Company.
- B. Sectional Doors:
 - 1. C.H.I. Overhead Doors: www.chiohd.com.
 - 2. Clopay Building Products: www.clopaydoor.com.
 - 3. Cornell Ironworks: www.cornelliron.com.
 - 4. Overhead Door Co.: www.overhaddoor.com.
 - 5. Raynor Garage Doors: www.raynor.com.
 - 6. Wayne-Dalton, a Division of Overhead Door Corporation: www.wayne-dalton.com.
 - 7. Substitutions: See Section 01 25 00 - Substitution Procedures for requirements.

2.02 STEEL DOORS - EXTERIOR

- A. Exterior Steel Doors: Flush steel, insulated with track and hardware; complying with DASMA 102, Commercial application.
 - 1. Operating Style: High lift where indicated on the door schedule and standard lift elsewhere.
 - 2. Performance: Withstand positive and negative wind loads equal to 1.5 times design wind loads specified by local code without damage or permanent set, when tested in accordance with ASTM E330/E330M, using 10 second duration of maximum load.
 - 3. Door Nominal Thickness: 2 inches thick.
 - 4. Exterior Finish:
 - a. Factory finished with acrylic baked enamel; color as selected by Architect.
 - 5. Interior Finish:
 - a. Factory finished with acrylic baked enamel; color as selected from manufacturers standard line.

6. Glazed Lites: Full panel width, multiple rows; set in place with resilient glazing channel.
 - a. Glazing: Fully tempered glass; insulated glass units; clear; 5/8 inch nominal overall thickness.

2.03 COMPONENTS

- A. Track: Rolled galvanized steel, 0.060 inch minimum thickness; 2 inch wide, continuous one piece per side; galvanized steel mounting brackets 1/4 inch thick.
- B. Hinge and Roller Assemblies: Heavy duty hinges and adjustable roller holders of galvanized steel; floating hardened steel bearing rollers, located at top and bottom of each panel, each side.
- C. Lift Mechanism: Torsion spring on cross head shaft, with braided galvanized steel lifting cables.
- D. Sill Weatherstripping: Resilient hollow rubber strip, one piece; fitted to bottom of door panel, full length contact.
- E. Jamb Weatherstripping: Roll formed steel section full height of jamb, fitted with resilient weatherstripping, placed in moderate contact with door panels.
- F. Head Weatherstripping: EPDM rubber seal, one piece full length.
- G. Panel Joint Weatherstripping: Neoprene foam seal, one piece full length.
- H. Lock Cylinders: Keyed alike.

2.04 MATERIALS

- A. Sheet Steel: Hot-dipped galvanized steel sheet, ASTM A653/A653M, with G60/Z180 coating, plain surface.
- B. Insulation: Rigid polyurethane, bonded to facing. Minimum total R14.

2.05 ELECTRIC OPERATION

- A. Operator, Controls, Actuators, and Safeties: Conform to UL 325; provide products listed by ITS (DIR) or UL (DIR).
 1. Provide interlock switches on motor operated units.
- B. Electric Operators:
 1. Mounting: Center mounted on cross head shaft.
 2. Motor Enclosure:
 - a. Exterior Doors: NEMA MG 1, Type 4; open drip proof.
 3. Motor sized as required for door size.
 4. Motor Voltage: 120 volts, single phase, 60 Hz.
 5. Motor Controller: NEMA ICS 2, full voltage, reversing magnetic motor starter.
 6. Controller Enclosure: NEMA 250, Type 1.
 7. Opening Speed: 12 inches per second.
 8. Brake: Adjustable friction clutch type, activated by motor controller.
 9. Manual override in case of power failure.
 10. See Section 26 05 83 for electrical connections.
- C. Wiring Terminations: Provide terminal lugs to match branch circuit conductor quantities, sizes, and materials indicated; enclose terminal lugs in terminal box sized to comply with NFPA 70.
- D. Control Station: Provide standard three button (Open-Close-Stop) continuous-contact control device for each operator conforming to UL 325.
 1. 24 volt circuit.
 2. Surface mounted, at interior door jamb.
 3. Entrapment Protection Devices: Provide sensing devices and safety mechanisms complying with UL 325.
 - a. Light bar attached to door frame.
 - b. Height: 3 feet.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that wall openings are ready to receive work and opening dimensions and tolerances are within specified limits.

- B. Verify that electric power is available and of the correct characteristics.

3.02 PREPARATION

- A. Prepare opening to permit correct installation of door unit to perimeter air and vapor barrier seal.

3.03 INSTALLATION

- A. Install door unit assembly in accordance with manufacturer's instructions.
- B. Anchor assembly to wall construction and building framing without distortion or stress.
- C. Securely brace door tracks suspended from structure. Secure tracks to structural members only.
- D. Fit and align door assembly including hardware.
- E. Coordinate installation of electrical service. Complete power and control wiring from disconnect to unit components.
- F. Install warning placard provided by supplier at each door.

3.04 ADJUSTING

- A. Adjust door assembly for smooth operation and full contact with weatherstripping.

3.05 CLEANING

- A. Clean doors and frames.
- B. Remove temporary labels and visible markings.

3.06 PROTECTION

- A. Protect installed products from damage until Date of Substantial Completion.
- B. Clean doors, frames.
- C. Remove temporary labels and visible markings.
- D. Do not permit construction traffic through overhead door openings after adjustment and cleaning.

END OF SECTION

SECTION 10 14 19
DIMENSIONAL LETTER SIGNAGE

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Dimensional letter signage.

1.02 RELATED REQUIREMENTS

- A. Applicable provisions of Division 1 govern work under this Section.

1.03 REFERENCE STANDARDS

- A. ADA Standards - 2010 ADA Standards for Accessible Design; 2010.
- B. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements for procedures.
- B. Provide submittal transmittals that include all submittal items identified in each submittal group below.
- C. Review Submittals - Preparatory:
 - 1. Product Data: Manufacturer's product literature for each type of dimensional letter sign, indicating style, font, colors, locations, and overall dimensions of each sign.
 - 2. Shop Drawings:
 - a. Include dimensions, locations, elevations, materials, text and graphic layout, and attachment details.
- D. Review Submittals - Samples:
 - 1. Samples: Submit one sample of each type of dimensional letter sign of size similar to that required for project, indicating sign style, font, and method of attachment.
 - 2. Selection Samples: Where materials, colors, and finishes are not specified, submit two sets of selection charts or chips.
- E. Information Submittals - Preparatory:
 - 1. Manufacturer's Installation Instructions: Include installation templates and attachment devices.

1.05 QUALITY ASSURANCE

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

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Package dimensional letter signs as required to prevent damage before installation.
- B. Store under cover and elevated above grade.

PART 2 PRODUCTS

2.01 DIMENSIONAL LETTERS

- A. Applications: Building identification.
- B. Metal Letters:
 - 1. Material: Aluminum casting.
 - 2. Letter Height: 18 inches.
 - 3. Text and Typeface:
 - a. Character Font: Helvetica, Arial, or other sans serif font.
 - 4. Finish: Semi-Gloss.
 - 5. Color: As selected by A/E.
 - 6. Rooftop Mounting: Corrosion resistant single base for attachment to roof. Provide base with height suitable for full visibility of letters. Concealed fasteners at the base of letters.

2.02 ACCESSORIES

- A. Concealed Screws: Noncorroding metal; stainless steel, galvanized steel, chrome plated, or other.

- B. Electrical Components and Devices: Listed and labeled as defined in NFPA 70 by a qualified testing agency.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that substrate surfaces are ready to receive work.
- B. Notify Architect if conditions are not suitable for installation of signs; do not proceed until conditions are satisfactory.

3.02 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install with horizontal edges level.
- C. Protect from damage until Date of Substantial Completion; repair or replace damaged items.

END OF SECTION

**SECTION 10 22 39
FOLDING PANEL PARTITIONS**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Top-supported folding panel partitions, horizontal opening.
- B. Ceiling track and operating hardware.

1.02 RELATED REQUIREMENTS

- A. Applicable provisions of Division 1 govern the work of this section.
- B. Section 05 12 00 - Structural Steel Framing: Overhead track structural support framing.
- C. Section 09 21 16 - Gypsum Board Assemblies: Acoustic barrier placed between top of partition track and roof deck above.
- D. Section 09 51 00 - Acoustical Ceilings: Adjacent ceiling finish.

1.03 REFERENCE STANDARDS

- A. ASTM B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes; 2021.
- B. ASTM B221M - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric); 2021.
- C. ASTM C1396/C1396M - Standard Specification for Gypsum Board; 2017.
- D. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2023d.
- E. ASTM E90 - Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements; 2023.
- F. ASTM E413 - Classification for Rating Sound Insulation; 2022.
- G. ASTM E557 - Standard Guide for Architectural Design and Installation Practices for Sound Isolation Between Spaces Separated by Operable Partitions; 2012 (Reapproved 2020).
- H. ASTM E596 - Standard Test Method for Laboratory Measurement of Noise Reduction of Sound-Isolating Enclosures; 2022.

1.04 ADMINISTRATIVE REQUIREMENTS

- A. Preinstallation Meeting: Convene at project site seven calendar days prior to scheduled beginning of construction activities of this section to review section requirements.
 - 1. Require attendance by representatives of installer.
 - 2. Notify Architect 7 days in advance of scheduled meeting date.

1.05 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements for procedures.
- B. Provide submittal transmittals that include all submittal items identified in each submittal group below.
- C. Review Submittals - Preparatory:
 - 1. Product Data: Provide data on partition materials, operation, hardware and accessories, electric operating components, and colors and finishes available.
 - 2. Shop Drawings: Indicate opening sizes, track layout, details of track and required supports, static and dynamic loads, location and details of pass door and frame, adjacent construction and finish trim, and stacking depth.
- D. Review Submittals - Samples:
 - 1. Samples for Selection: Submit two samples of full manufacturer's color range for selection of colors.
 - 2. Samples for Review: Submit two samples of surface finish, 12 by 12 inches size, illustrating quality, colors selected, texture, and weight.
- E. Information Submittals - Preparatory:
 - 1. Manufacturer's Instructions: Indicate special procedures.

2. Maintenance Data: Include recommended cleaning methods, cleaning materials, and stain removal methods. Describe cleaning materials detrimental to finish surfaces and hardware finish.
- F. Closeout Submittals:
1. Extended Period: Submit certificate by Contractor acknowledging the section specific period to correct work described in this Section.
 2. Warranty Documentation: Submit documentation of manufacturer's warranty that acknowledges the requirements defined in this section.
 - a. Provide procurement information including date(s) of procurement, identification of suppliers and contractors involved in the procurement.
 - b. Provide manufacturer certification of the warranty that is executed in the Owner's name.

1.06 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified this section with minimum three years of documented experience.
- B. Installer Qualifications: Company specializing in performing work of the type specified and with at least three years of documented experience.
- C. Perform design under direct supervision of a Professional Engineer experienced in design of this work and licensed in the state in which the project is located.

1.07 WARRANTY

- A. See Section 01 78 00 - Closeout Submittals for additional warranty requirements.
- B. Section Specific Warranty: Provide manufacturer's customized warranty as described in this section. Document the warranty as defined under the Submittals heading of this section. Provide warranty in conformance with the following:
 1. Provide two year manufacturer warranty against defects in material and workmanship, excluding abuse.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Folding Panel Partitions - Horizontal Opening:
 1. Moderco, Inc: Model 841; www.moderco.com.
 2. Modernfold, a DormaKaba Group Company: Acousti-Seal www.modernfold.com.
 3. Substitutions: See Section 01 25 00 - Substitution Procedures for requirements.

2.02 FOLDING PANEL PARTITIONS - HORIZONTAL OPENING

- A. Folding Panel Partitions: Side opening; individual panels; side stacking; manually operated.
- B. Panel Construction:
 1. Frame: 18 gage, 0.0478 inch thick formed sheet steel frame top, bottom, jambs, and intermediates; welded construction, with acoustical insulation fill.
 2. Substrate: Gypsum board.
 3. Panel Substrate Facing: Steel sheet, manufacturer's standard thickness. Gypsum board alone for panel face shall not be acceptable.
 4. Hardware: Latching door handles of cast steel, satin chrome finish.
 5. Panel Properties:
 - a. Thickness With Finish: 3 inches.
 - b. Width: Standard width.
 - c. Weight: Maximum, 10 lb/sq ft.
- C. Panel Finishes:
 1. Facing: Vinyl coated fabric.
 2. Color / Patterns: To be selected by A/t from manufacturer's premium options.
 3. Exposed Metal Trim: Clear anodized or powder coated in one of manufacturer's standard colors.

- D. Panel Seals:
1. Panel to Panel Seals: Grooved and gasketed astragals, with continuous flexible ribbed vinyl seal fitted to panel edge construction; color to match panel finish.
 2. Retractable top and bottom pressure sound seals on all panels. Top and bottom seals to activate by a removable handle located approximately 30 inches above the floor. Retractable floor seals shall exert minimum 120 pounds downward force.
 3. Provide a positive vertical seal between the partition and the building. The panel at the stacking end of each opening shall be provided with an expandable jamb. Panel shall consist of a basic panel equipped with an expanding jamb member and operated from either face by a removable handle. Panels shall be capable of compensating for out-of-plumb condition or minor wall irregularities. Expanding jamb member shall have approximately 6" of travel. Lead panels to have 1" vinyl bulb type compression seal.
 4. Acoustic Seals: Flexible acoustic seals at jambs, meeting mullions, ceilings, retractable floor and ceiling seals, and above track to structure acoustic seal.
- E. Suspension System:
1. Track and Suspension System: Furnish manufacturer's standard heavy-duty steel track. Exposed track trim may be painted steel or anodized aluminum. Unexposed steel track shall have factory-applied black paint. Aluminum track joints shall be keyed to assure proper alignment. Furnish track with integral supports for adjoining soffit and required track switches. Provide manufacturer's standard 4-wheel self-lubricating ball bearing carrier located as required for panel type and to carry imposed loads, with threaded pendant bolt for vertical adjustment. Track or carriers requiring any lubrication shall not be permitted. Tracks incorporating rub or guide rails not permitted. No floor tracks permitted.
- F. Performance:
1. Acoustic Performance:
 - a. Sound Transmission Class (STC): 52 +/- 1 calculated in accordance with ASTM E413, based on tests conducted in accordance with ASTM E90, on panel size of 100 sq ft.
 2. Surface Burning Characteristics of Panel Finish: Flame spread/smoke developed index of 25/50, maximum, when tested in accordance with ASTM E84.
 3. Installed partition system track capable of supporting imposed loads, with maximum deflection of 1/360 of span.
- G. Operation:
1. Manual Operation.
- H. Accessories:
1. Ceiling Closure: Clear anodized aluminum ceiling closure; aluminum jamb and head molding, fittings and attachments.
 2. Pocket Enclosures: None.
 3. Pass Door: None.
 4. Acoustic Sealant: As recommended by partition manufacturer.

2.03 MATERIALS

- A. Aluminum Extrusions: ASTM B221 (ASTM B221M), 6063 alloy, T6 temper.
- B. Standard Gypsum Board: ASTM C1396/C1396M, 3/8 inch thick, maximum permissible length; ends square cut, square edges.
- C. Vinyl Coated Fabric: ASTM F793 Category VI, polyvinyl fluoride (PVC) finish for washability and improved flame retardance; color as selected by Architect from manufacturer's standard range.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that field measurements are as indicated.
- B. Verify track supports are laterally braced and will permit track to be level within 1/4 inch of required position and parallel to the floor surface.
- C. Verify floor flatness of 1/8 inch in 10 feet, non-cumulative.
- D. Verify wall plumbness of 1/8 inch in 10 feet, non-cumulative.

3.02 INSTALLATION

- A. Install partition in accordance with manufacturer's instructions and ASTM E557.
- B. Fit and align partition assembly level and plumb.
- C. Lubricate moving components.
- D. Coordinate electrical connections.

3.03 ADJUSTING

- A. Complete break-in operation as recommended by door supplier.
- B. Adjust partition assembly to provide smooth operation from stacked to full open position. Do not over-compress acoustic seals.
- C. Visually inspect partition in full extended position for light leaks to identify a potential acoustical leak.
- D. Adjust partition assembly to achieve lightproof seal.

3.04 CLEANING

- A. Clean finish surfaces and partition accessories.

3.05 CLOSEOUT ACTIVITIES

- A. Start-up Services: Provide the services of a factory-authorized service representative to provide start-up service and to demonstrate and train Owner's representative.
- B. Test and adjust controls and safeties. Replace damaged or malfunctioning controls and equipment.
- C. Train Owner's representative on procedures and schedules related to start-up and shut down, troubleshooting, servicing and preventative maintenance.
- D. Demonstrate operation of partition and identify potential operational problems.

END OF SECTION

SECTION 10 28 00
TOILET, BATH, AND LAUNDRY ACCESSORIES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Commercial toilet accessories.

1.02 RELATED REQUIREMENTS

- A. Applicable provisions of Division 1 govern the work of this section.
- B. Section 09 21 16 - Gypsum board Assemblies: Concealed supports for accessories, including in wall framing and plates.
- C. Section 10 21 13.19 - Plastic Toilet Compartments.

1.03 REFERENCE STANDARDS

- A. ADA Standards - 2010 ADA Standards for Accessible Design; 2010.
- B. ASTM A269/A269M - Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service; 2022.
- C. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2023.
- D. ASTM A666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar; 2023.
- E. ASTM C1036 - Standard Specification for Flat Glass; 2021.
- F. ASTM C1503 - Standard Specification for Silvered Flat Glass Mirror; 2024.
- G. ASTM F2285 - Standard Consumer Safety Performance Specification for Diaper Changing Tables for Commercial Use; 2022.

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements for procedures.
- B. Provide submittal transmittals that include all submittal items identified in each submittal group below.
- C. Review Submittals - Preparatory:
 - 1. Product Data: Submit data on accessories describing size, finish, details of function, and attachment methods.
- D. Review Submittals - Samples:
 - 1. Samples: Submit two samples of partition panel, illustrating color and finish.
- E. Information Submittals - Preparatory:
 - 1. Manufacturer's Installation Instructions: Indicate special procedures and conditions requiring special attention.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Commercial Toilet, Shower, and Bath Accessories:
 - 1. ASI - American Specialties, Inc: www.americanspecialties.com.
 - 2. Bradley Corporation: www.bradleycorp.com.
 - 3. Bobrick Washroom Equipment Inc: www.bobrick.com.
 - 4. PSiSC Manufacturer of Columbia Accessories: www.psisc.com.
 - 5. Substitutions: See Section 01 25 00 - Substitution Procedures for requirements.
- B. Provide products of each category type by single manufacturer.

2.02 MATERIALS

- A. Accessories - General: Shop assembled, free of dents and scratches and packaged complete with anchors and fittings, steel anchor plates, adapters, and anchor components for installation.
 - 1. Grind welded joints smooth.

2. Fabricate units made of metal sheet of seamless sheets with flat surfaces.
- B. Stainless Steel Sheet: ASTM A666, Type 304.
- C. Stainless Steel Tubing: ASTM A269/A269M, Grade TP304 or TP316.
- D. Galvanized Sheet Steel: Hot-dipped galvanized steel sheet, ASTM A653/A653M, with G90/Z275 coating.
- E. Adhesive: Two component epoxy type, waterproof.
- F. Fasteners, Screws, and Bolts: Hot dip galvanized; tamper-proof; security type.
- G. Expansion Shields: Fiber, lead, or rubber as recommended by accessory manufacturer for component and substrate.

2.03 FINISHES

- A. Stainless Steel: Satin finish, unless otherwise noted.
- B. Baked Enamel: Pretreat to clean condition, apply one coat primer and minimum two coats epoxy baked enamel.

2.04 COMMERCIAL TOILET ACCESSORIES

- A. Grab Bars - Concealed Flange:
 1. Grab Bars: Stainless steel, 1-1/2 inches outside diameter, minimum 0.05 inch wall thickness, nonslip grasping surface finish, exposed flange mounting with torx head screws; 11 ga closure plate at bottom of bar. Length and configuration as indicated on drawings.
 - a. American Specialties, Inc.: 3800 Series.
 - b. Bobrick: B-6806.99.
 - c. Bradley: Equal with concealed anchors and secured flanges.
- B. Sanitary Napkin Disposal-Surface Mounted:
 1. American Specialties, Inc. 0852.
 2. Bobrick B-270.
 3. Bradley 4781-11.

2.05 INFANT DIAPER CHANGING STATIONS

- A. Diaper Changing Station: Wall-mounted folding diaper changing station for use in commercial toilet facilities, meeting or exceeding ASTM F2285.
 1. Material: Polyethylene.
 2. Mounting: Surface.
 3. Color: As selected by AE from manufacturer's standard range.
 4. Minimum Rated Load: 250 pounds.
 5. Configuration: Horizontal Folding Surface Mounted Bracket.
 6. Configuration: Horizontal-Folding, Surface-Mounted without Wall Frame:
 - a. Material: Stainless Clad, Polyethylene or ABS tray.
 - b. Products:
 - 1) Koala Corp.: KB300-SS; www.koalabear.com.
 - 2) Saniflow: Babymedi Horizontal; www.saniflowcorp.com.
 - 3) Foundations Worldwide, Inc.: Stainless Frameless Horizontal Diaper Changing Station; www.foundations.com.
 - 4) Rubbermaid: Baby Changing Station Horizontal: www.rubbermaid.com.
 - 5) Substitutions: See Section 01 25 00 - Substitution Procedures for requirements.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify existing conditions before starting work.
- B. Verify exact location of accessories for installation.
- C. Verify that field measurements are as indicated on drawings.
- D. See Section 09 21 16 for installation of blocking and concealed anchors in walls.

3.02 PREPARATION

- A. Deliver inserts and rough-in frames to site for timely installation.
- B. Provide templates and rough-in measurements as required.

3.03 INSTALLATION

- A. Install accessories in accordance with manufacturers' instructions in locations indicated on drawings.
- B. Install plumb and level, securely and rigidly anchored to substrate.
- C. Mounting Heights: As required by accessibility regulations, and indicated on accessory schedule on drawings.
- D. Mounting Heights and Locations: As required by accessibility regulations and as indicated on drawings.

END OF SECTION

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**SECTION 32 25 34
SEAL COAT OVER ASPHALT PAVEMENT**

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Preparation for and application of Asphalt Emulsion Pavement Sealer.

1.2 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.

PART 2 - PRODUCTS

2.1 STANDARDS

- A. Emulsion shall meet the standards of ASTM D-140, ASTM D-529 and ASTM D-2939.

2.2 MATERIALS

- A. Asphalt Emulsion
 - 1. Approved Asphalt Emulsion meeting the following requirements:
 - a. Water Percentage: 53% maximum
 - b. Non Volatiles: 47% minimum
 - c. Ash Non Volatiles: 30 - 40%
 - d. Specific Gravity: 1.17 minimum (25°C)
 - e. Drying Time: 8 hours maximum
 - 2. Acceptable manufacturers:
 - a. MasterSeal as manufactured by SealMaster Industries, Inc., Sandusky, Ohio, (900) 395-7325.
 - b. Approved equal.
- B. Aggregate Requirements in accordance with ASTM C-136:

<u>Sieve Size</u>	<u>% Passing</u>
30	1.0%
40	23
50	33
70	29
100	12
140	2

- C. Polymer Additive
 - 1. Approved Additive conforming to F.A.A. P625 meeting the following:
 - a. Acrylonitril: 30-39 parts
 - b. Butadrene: 51-70 parts

- c. Average particle size: less than 1500 Angstroms
 - d. Specific gravity: L.0
 - e. Solids Content: 40% minimum
- 2. Sealer V.M. as manufactured by SealMaster Industries, Inc, or approved equal.
- D. Crack Sealant:
 - 1. FlexMaster, CrackMaster Supreme DF, or Pourable crack sealer as manufactured by SealMaster Industries, Inc.
 - 2. Trowel Grade Crack Filler by SealMaster Industries, Inc.
 - 3. Approved hot or cold applied pourable crack sealer and trowel applied sealer.
- E. Oil Spot Treatment:
 - 1. Petro Seal or Prep Seal oil Spot primer as manufactured by SealMaster Industries, Inc.
 - 2. Approved oil spot primer.

PART 3 - EXECUTION

3.1 CLEANING FOR CRACKS

- A. Clean existing cracks that are ¼ " wide or greater for filling. Use a wire brush and power blower to help remove debris.

3.2 CRACK FILLING

- A. Fill all cleaned cracks immediately. Crack Sealant shall be poured into place and spread flush to match adjacent pavement surface.

3.3 SPOT TREATMENT OF STAINS

- A. Treat all grease, oil, gasoline, and similar petroleum stains or spots with oil spot primer. Apply according to the manufacturer's instructions.

3.4 PAVEMENT CLEANING

- A. Immediately prior to sealing, all loose materials, dirt, and debris shall be removed from the pavement surface leaving the area to be sealed clean and dry.

3.5 PAVEMENT SEAL COAT

- A. Sealer Mix: For every 100 gal. of Sealer, add 25-30 gal. of water, 3 gallons of Polymer and 400 lbs. of sand.
- B. Add components according to manufacturer's recommendations, thoroughly mixing.
- C. Application:
 - 1. Apply Seal Coat by squeegee, brush, mechanical spray, or application equipment designed for applying Seal Coat products.
 - 2. Apply two coats of sealer at a rate of 0.08 to .12 gallons per square yard. Allow first coat to dry prior to applying second coat.
 - 3. Apply when temperature is a minimum of 55°F and rising. Do not apply when temperature is expected to drop below 50°F in the 24-hour period following the application. Do not apply if rain is forecast within 8 hours of the completion of the application.

4. Keep area sealed closed to traffic for 24 hours after the application of the second coat.

3.6 CLEAN UP

- A. Repair damage resulting from work under this section.
- B. Upon completion of each portion of work under this section, remove all machinery, equipment, surplus materials, dirt, dust, and debris produced by work connected with the completion of requirements of this section.

END SECTION – 32 25 34

WESTERN TECHNICAL COLLEGE AUTOMOTIVE TECHNOLOGY CENTER 2721 LARSON STREET LA CROSSE, WISCONSIN



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ENGINEERING
INTERIOR DESIGN

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HSR# 24061

FEBRUARY 2025

BID SET

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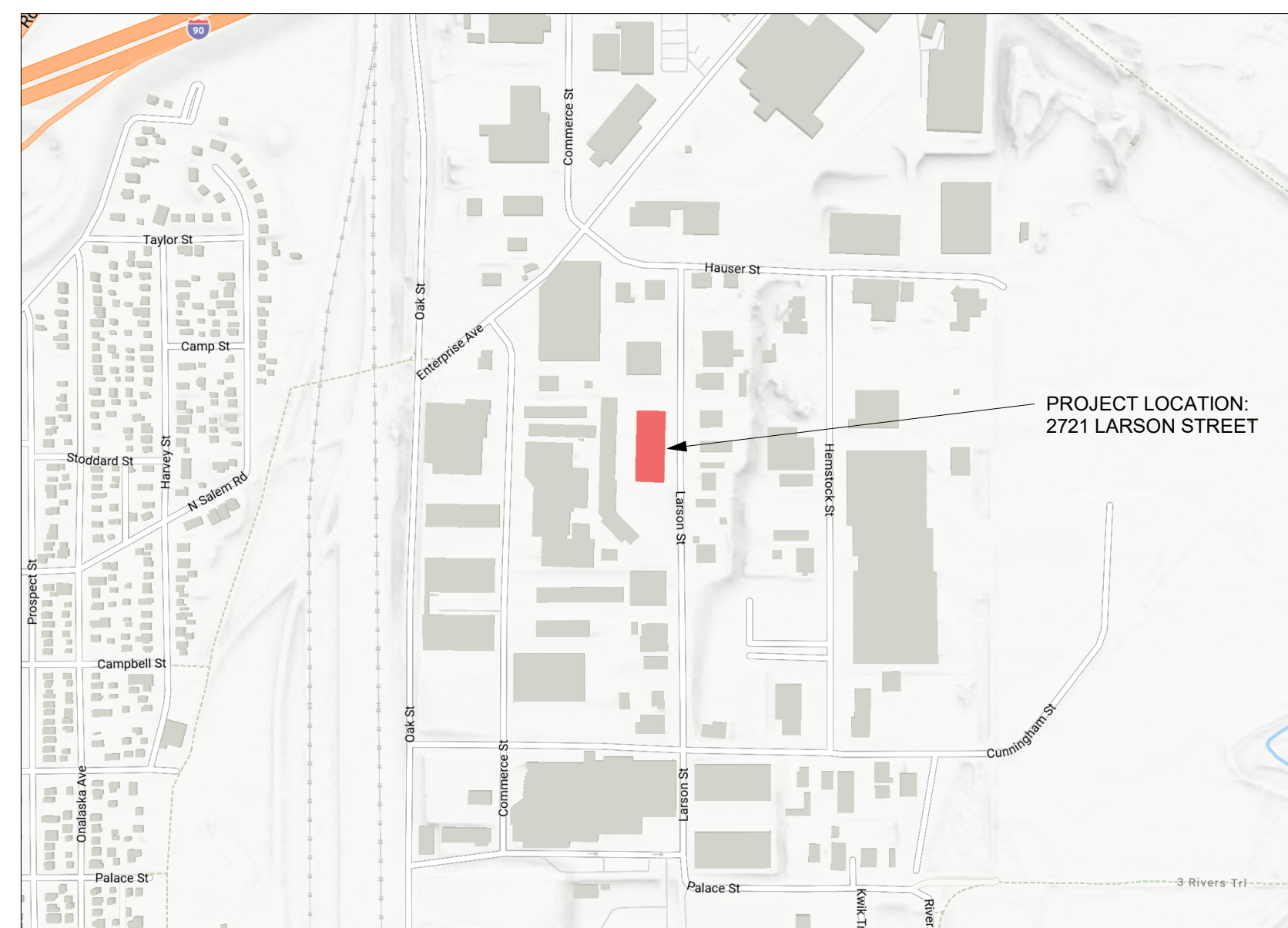
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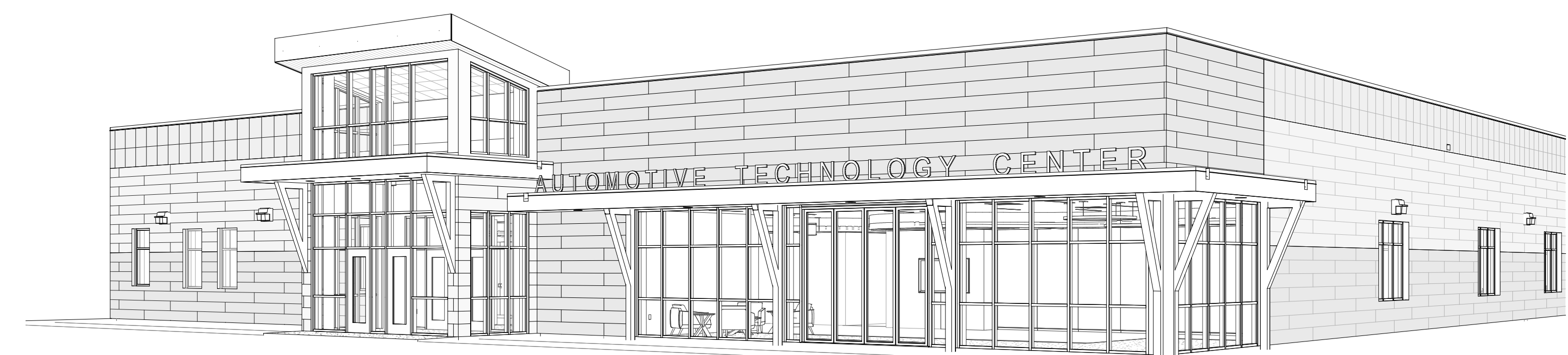
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CITY MAP
SITE LOCATION MAP



WESTERN TECHNICAL COLLEGE
AUTOMOTIVE TECHNOLOGY CENTER

Project Location: 2721 LARSON STREET
LA CROSSE, WI 54603

Sheet Title:
COVER SHEET

HSR Project Number: 24061
Project Date: FEB 2025
Drawn By: TBS / WF

Key Plan:

BID SET

No.	Description	Date
A01	ADD 01	2.24.2025
A02	ADD 02	2.27.2025

Graphic Scale:
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**WESTERN TECHNICAL COLLEGE
WTC VEHICLE TECHNOLOGY CENTER
PARKING AND SEAL COAT PLAN**

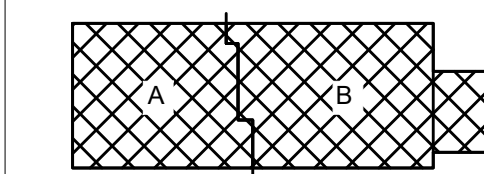
Project Title:
Project Location: 2721 LARSON STREET
LA CROSSE, WI 54603

HSR Project Number: 24061

Project Date: FEB 2025

Drawn By: HSR

Key Plan:



KEY PLAN

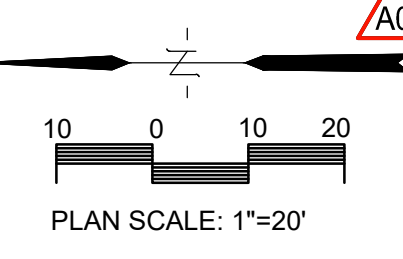
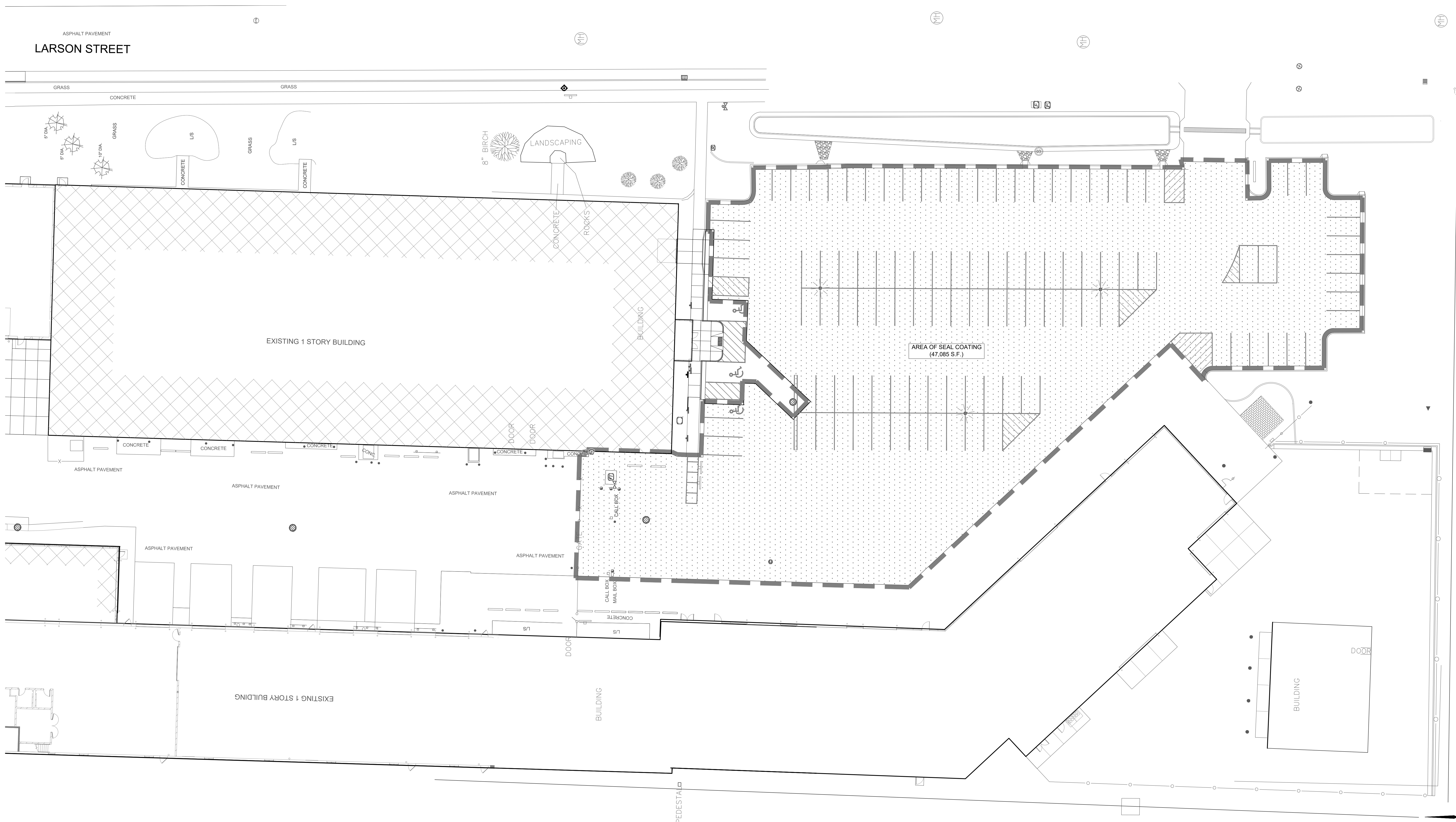
BID DOCUMENTS

No.	Description	Date
A02	ADD 02	2/27/2025

Graphic Scale: 1"=20'

Last Update: 02/27/2025




C101



DEMOLITION GENERAL NOTES:

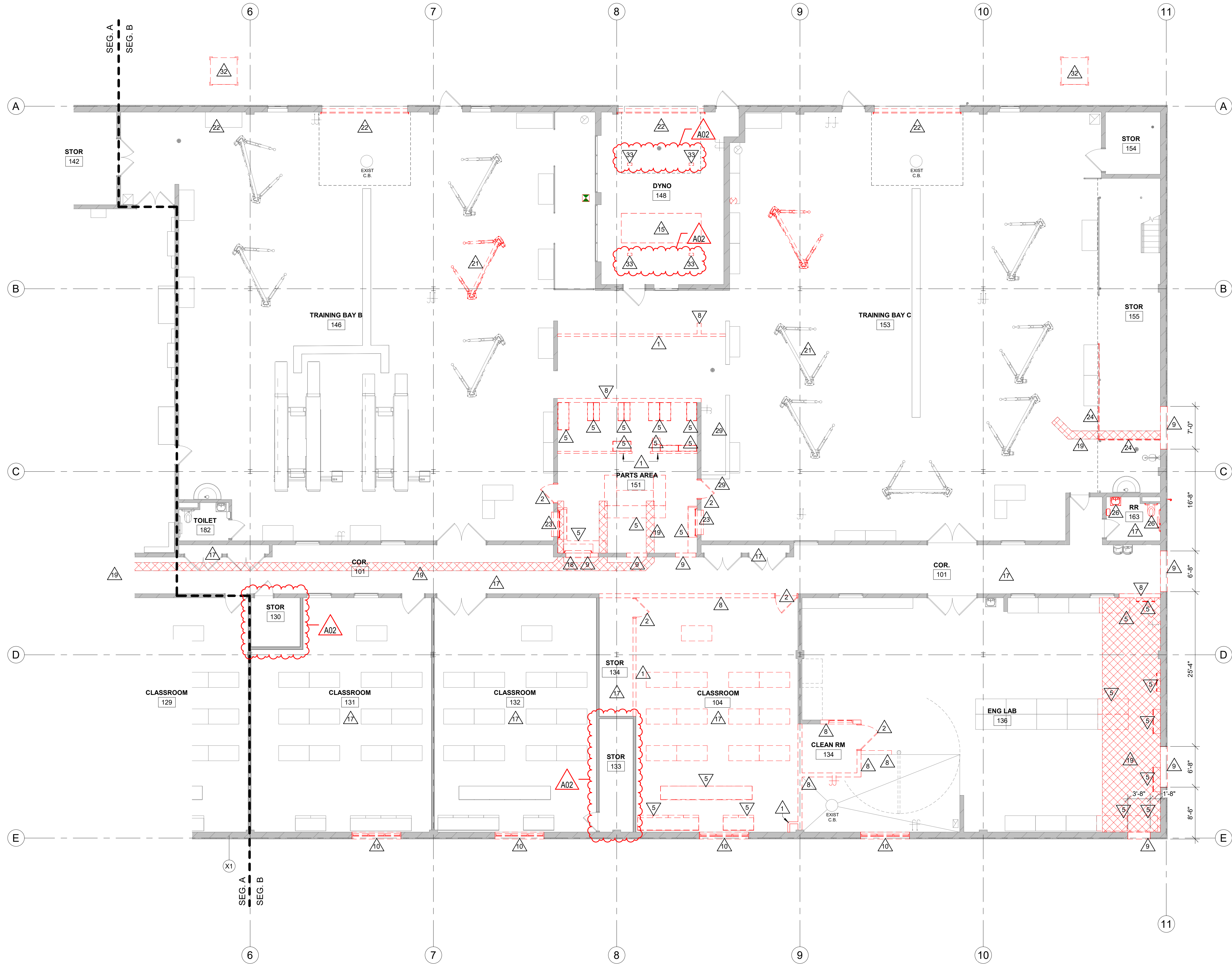
- A. ALL ITEMS SHOWN DASHED ON DEMOLITION PLANS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. REFERENCE MEP DRAWINGS FOR APPLICABLE EQUIPMENT REMOVALS AND MODIFICATIONS. COORDINATE PATCHING AT EQUIPMENT REMOVALS.
- B. AT WALL TYPES/MATERIALS, PREPARATION FOR NEW FINISHES SHALL INCLUDE, BUT NOT BE LIMITED TO, REMOVAL OF EXISTING FINISHES, TAPES, GLUES/MASTIC, NAILS AND RELATED ITEMS. PATCHING OF HOLES, INDENTATIONS AND CRACKS FOR AN ACCEPTABLE SURFACE FOR NEW FINISH INSTALLATION.
- C. OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.
- D. MAINTAIN ALL EXIT DOORS AND CORRIDORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE AWAY FROM THE BUILDING.
- E. ROOM NUMBERS ARE SHOWN ON THIS PLAN FOR INFORMATIONAL AND COORDINATION PURPOSES ONLY.
- F. COORDINATE STORAGE LOCATIONS FOR SALVAGED ITEMS WITH OWNER.
- G. PROVIDE FLOOR PROTECTION AS SPECIFIED AT DEBRIS REMOVAL PATHS THROUGH BUILDING.

DEMOLITION PLAN LEGEND:

-  SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET
-  REMOVE ITEMS NOTED WITH DASHED LINES
-  SYMBOL INDICATES REMOVAL OF DOOR AND FRAME UNLESS NOTED OTHERWISE

KEY NOTES DEMOLITION

- 1 REMOVE EXISTING STUD PARTITION AND GYP. BOARD WALL FINISH
- 2 REMOVE EXISTING DOOR & FRAME
- 3 REMOVE EXISTING LOCKERS AND CONC. BASES. SALVAGE LOCKERS TO OWNER
- 4 EXISTING PLUMBING FIXTURE AND RELATED PIPING TO BE REMOVED - SEE PLUMBING DRAWINGS
- 5 REMOVE EXISTING CASEWORK
- 6 REMOVE EXISTING CANOPIES
- 7 REMOVE EXISTING COLUMNS AND FRAMING
- 8 REMOVE EXISTING CMU WALL
- 9 CREATE OPENING IN EXISTING MASONRY WALL FOR NEW DOOR/WINDOW/OPENING. OVERSIZE DEMOLISHED OPENING AS REQUIRED FOR INSTALLATION OF JAMB REINFORCING AND LINTEL - SEE STRUCTURAL DRAWINGS
- 10 REMOVE EXISTING WINDOW & CREATE OPENING IN CMU WALL FOR NEW WINDOW. OVERSIZE DEMOLISHED OPENING AS REQUIRED FOR INSTALLATION OF JAMB REINFORCING - SEE STRUCTURAL DRAWINGS
- 11 REMOVE EXISTING OFFICE PARTITIONS (SALVAGE TO OWNER)
- 12 REMOVE EXISTING STOREFRONT WINDOW
- 13 REMOVE EXISTING BENCH AND PATCH FLOOR
- 14 REMOVE EXISTING WINDOW
- 15 REMOVE DOOR AND INSET WITH CONCRETE FOR NEW LIFE - SALVAGE CYLINDRICAL
- 16 REMOVE TROPHY CASE GLASS FRAME AND WALLS
- 17 REMOVE EXISTING FLOOR FINISH AND PREPARE FOR NEW FLOORING
- 18 REMOVE EXISTING SECURITY LATTICE
- 19 SAWCUT AND REMOVE EXISTING CONC. FLOOR SLAB AT HATCHED AREAS. COORDINATE W/ STRUCTURAL/PLUMBING.
- 20 REMOVE EXISTING ACCORDION DOOR
- 21 RELOCATE LIFT
- 22 REMOVE EXISTING O.H. DOOR SYSTEM
- 23 REMOVE EXISTING SECURITY DOOR
- 24 RELOCATE EXISTING FENCE TO MATCH NEW PLAN
- 25 REMOVE EXISTING EIFS
- 26 REMOVE EXISTING PLUMBING FIXTURE. PREP FOR NEW FIXTURE INSTALLATION
- 27 REMOVE EXISTING TOILET PARTITIONS AND ACCESSORIES
- 28 REMOVE WALL TILE AND PREP WALL FOR NEW FINISH
- 29 HALF HIGH CMU WALL TO REMAIN
- 30 REMOVE EXISTING ACoust TILE CEILING AND GRID
- 31 REMOVE EXISTING FURRING AND WALL FINISH
- 32 MECHANICAL EQUIPMENT TO BE REMOVED - SEE MECHANICAL
- 33 REMOVE EXISTING DYNO TOWEL PATCH FLOORS



1 DEMOLITION PLAN - SEGMENT B
1/8" = 1'-0"

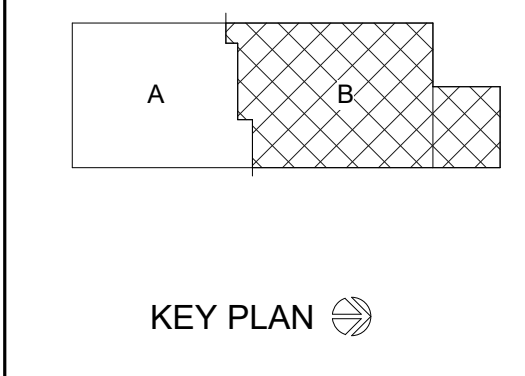
WESTERN TECHNICAL COLLEGE
AUTOMOTIVE TECHNOLOGY CENTER
 Project Title: **DEMOLITION PLAN -SEGMENT B**
 Project Location: 2721 LARSON STREET
 LA CROSSE, WI 54603
 Sheet Title:

HSR Project Number: **24061**

Project Date: **FEB 2025**

Drawn By: **TBS**

Key Plan:



BID SET

No.	Description	Date
A02	ADD 02	2.27.2025

Graphic Scale: **VARIES**

Last Update: **2/27/2025 11:49:58 AM**

A091



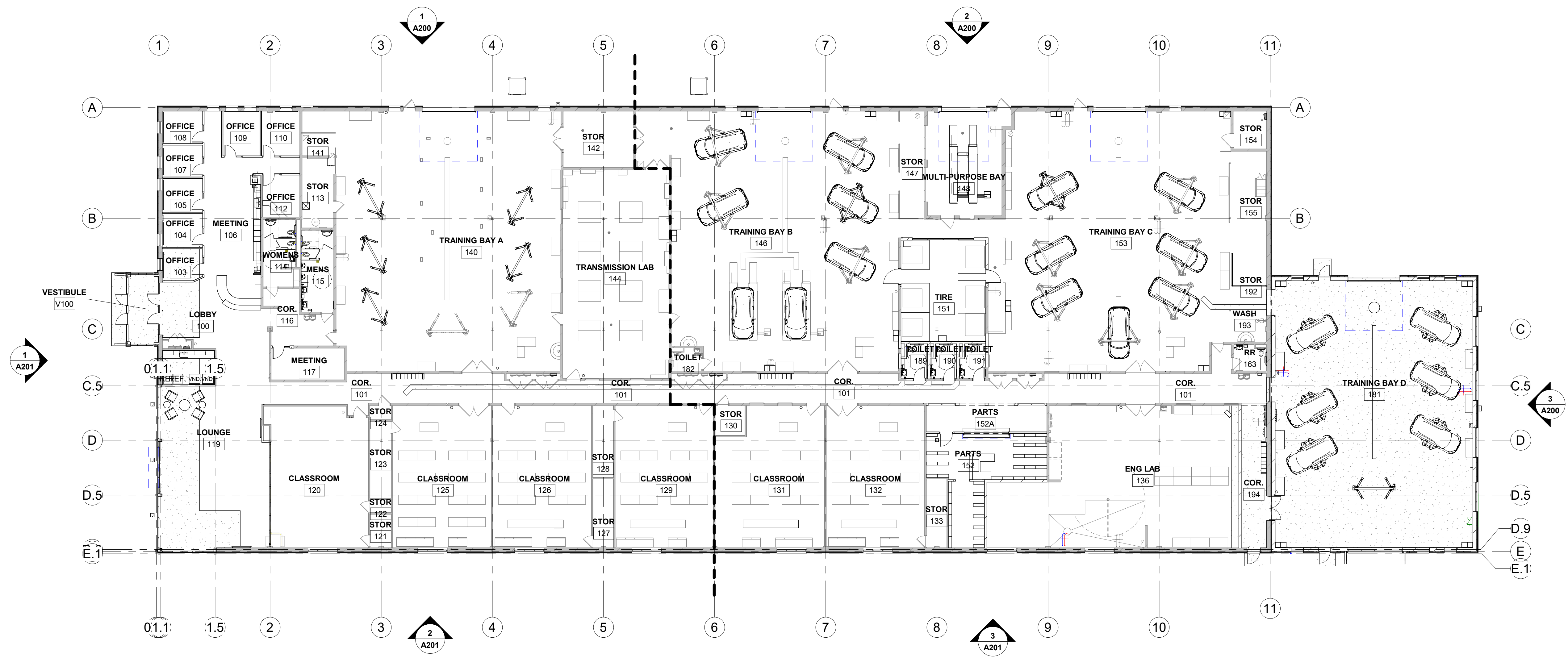
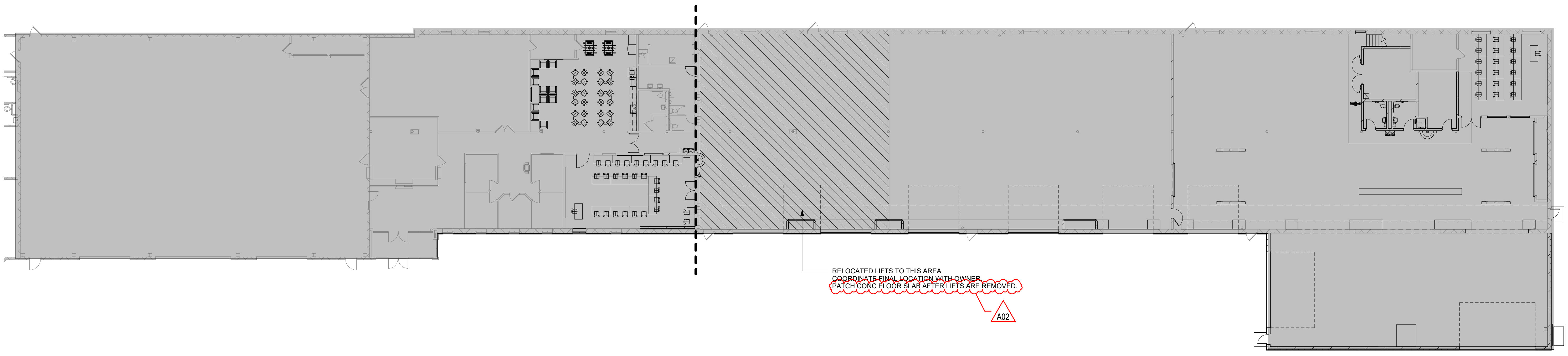
Consultant:

PLAN GENERAL NOTES:

- A. REFER TO OVERALL PLANS FOR FIRE RATING LOCATIONS AND ACCESSIBILITY ROUTES.
- B. SEE ID SHEETS FOR FLOOR AND WALL FINISH LAYOUTS.
- C. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.
- D. FIXED EQUIPMENT IS SHOWN ON THIS PLAN FOR COORDINATION. SEE SHEETS A1XX-A1XX FOR ALL EQUIPMENT NOTES.
- E. UNLESS NOTED OTHERWISE RESTROOM FLOORS SHALL BE SLOPED A MIN. 1/16" : 12" TO FLOOR DRAINS - TO "CENTER"; IF NO FLOOR DRAINS.
- F. PAINT ALL EXPOSED STEEL LINTELS.
- G. EXTEND ALL WALLS TO DECK UNLESS NOTED OTHERWISE. SEE ASXX FOR TOP OF WALL DETAILS.
- H. INSTALL BULLNOSE CMU AT ALL OUTSIDE CORNERS W/O TILE AND AT DOOR JAMBS AS DETAILED. NO BULLNOSE AT WINDOW JAMBS.
- I. SEE ASXX FOR WALL CONTROL JOINT DETAILS. SEE PLANS AND ELEVATIONS FOR CJ LOCATIONS. CJ = CONTROL JOINTS.
- J. SEE ASXX FOR TYPICAL HEAD FLASHING AND THROUGH-WALL FLASHING ISOMETRIC DETAILS.
- K. SEE STRUCTURAL FOR SLAB CONTROL JOINTS.
- L. GENERAL CONTRACTOR TO PROVIDE CONCRETE EQUIPMENT PADS/CURBS AS REQUIRED FOR MECHANICAL / ELECTRICAL EQUIPMENT. VERIFY SIZE, PROFILE & LOCATION WITH MECHANICAL / ELECTRICAL.
- M. VERIFY EXACT SIZE AND LOCATION OF ALL MECHANICAL / PLUMB AND ELEC OPENINGS - GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH AT ALL VISIBLE AREAS. ALL OPENING SHALL BE SEALED AFTER UTILITY INSTALLATION.

PLAN LEGEND:

- (A) SYMBOL INDICATES WALL TYPE - SEE SHEET A600 FOR WALL TYPE DETAILS.
- (A) SYMBOL INDICATES WINDOW TYPE. SEE SHEET A600 FOR WINDOW FRAME ELEVATIONS.
- (A) SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET
- (X) DEMOLISHED FLOOR PATCH AND FINISH

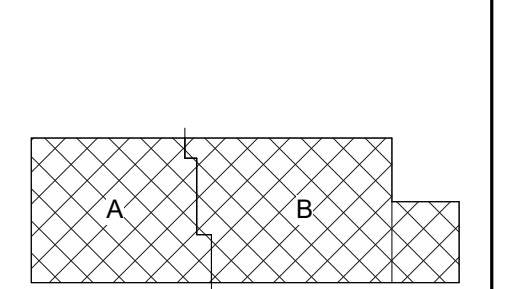


Project Title: **WESTERN TECHNICAL COLLEGE
AUTOMOTIVE TECHNOLOGY CENTER**
Project Location: 2721 LARSON STREET
LA CROSSE, WI 54603
Sheet Title: **OVERALL FLOOR PLAN**

HSR Project Number: **24061**

Project Date: **FEB 2025**

Drawn By: **TBS**



BID SET

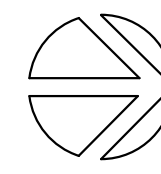
Revisions:

No.	Description	Date
A02	ADD 02	2.27.2025

Graphic Scale: **VARIES**
Last Update: **2/27/2025 11:53:10 AM**

A100

1 OVERALL FLOOR PLAN
1/16" = 1'-0"



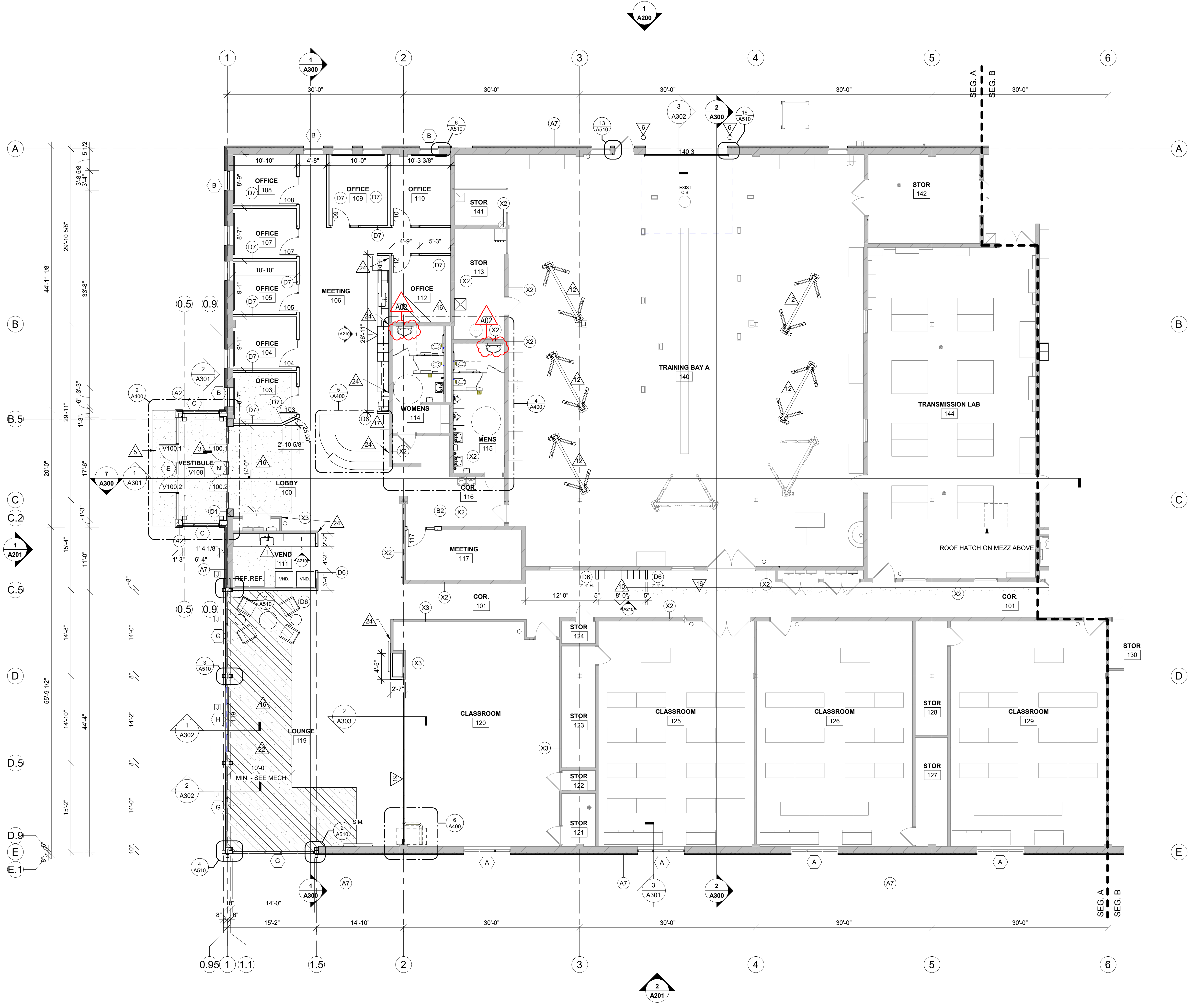


Consultant:

- PLAN GENERAL NOTES:**
- REFER TO OVERALL PLANS FOR FIRE RATING LOCATIONS AND ACCESSIBILITY ROUTES.
 - SEE ID SHEETS FOR FLOOR AND WALL FINISH LAYOUTS.
 - LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.
 - FIXED EQUIPMENT IS SHOWN ON THIS PLAN FOR COORDINATION. SEE SHEETS **A1XX-A1XX** FOR ALL EQUIPMENT NOTES.
 - UNLESS NOTED OTHERWISE RESTROOM FLOORS SHALL BE SLOPED A MIN. 1/16" - 1/2" TO FLOOR DRAINS - TO "CENTER", IF NO FLOOR DRAINS.
 - PAINT ALL EXPOSED STEEL LINTELS.
 - EXTEND ALL WALLS TO DECK UNLESS NOTED OTHERWISE. SEE **ASXX** FOR TOP OF WALL DETAILS.
 - INSTALL BULLNOSE CMU AT ALL OUTSIDE CORNERS W/O TILE AND AT DOOR JAMBS AS DETAILED. NO BULLNOSE AT WINDOW JAMBS.
 - SEE **ASXX** FOR WALL CONTROL JOINT DETAILS. SEE PLANS AND ELEVATIONS FOR CJ LOCATIONS. CJ = CONTROL JOINTS.
 - SEE **ASXX** FOR TYPICAL HEAD FLASHING AND THROUGH-WALL FLASHING ISOMETRIC DETAILS.
 - SEE STRUCTURAL FOR SLAB CONTROL JOINTS.
 - GENERAL CONTRACTOR TO PROVIDE CONCRETE EQUIPMENT PADS/CURBS AS REQUIRED FOR MECHANICAL / ELECTRICAL EQUIPMENT. VERIFY SIZE, PROFILE & LOCATION WITH MECHANICAL / ELECTRICAL.
 - VERIFY EXACT SIZE AND LOCATION OF ALL MECHANICAL / PLUMB AND ELEC OPENINGS. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH AT ALL VISIBLE AREAS. ALL OPENING SHALL BE SEALED AFTER UTILITY INSTALLATION.

- PLAN LEGEND:**
- (A) SYMBOL INDICATES WALL TYPE - SEE SHEET A600 FOR WALL TYPE DETAILS.
 - (A) SYMBOL INDICATES WINDOW TYPE - SEE SHEET A600 FOR WINDOW FRAME ELEVATIONS.
 - (X) SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET
 - (X) DEMOLISHED FLOOR PATCH AND FINISH

- KEY NOTES PLAN**
- INSTALL NEW PLUMBING FIXTURE
 - PATCH EXISTING CONCRETE FLOOR AT CMU WALL REMOVAL & APPLY NEW FLOOR SEALER
 - INSTALL NEW CONCRETE SLAB-ON-GRADE - SEE STRUCTURAL SHEETS.
 - SEE CIVIL PLANS FOR SITE REQUIREMENTS
 - INSTALL NEW CONCRETE FROST STOOP - SEE STRUCTURAL SHEETS.
 - INSTALL NEW BOLLARD
 - INSTALL NEW TRENCH DRAIN - SEE PLUMBING SHEETS
 - CLEAN EXISTING CONCRETE FLOOR. APPLY NEW FLOOR SEALER
 - BRACKET MOUNTED FIRE EXTINGUISHER
 - INSTALL NEW LOCKERS (SUPPLIED AND INSTALLED BY CONTRACTOR)
 - PATCH CONCRETE FLOOR TO EXISTING CONCRETE FLOOR. APPLY NEW FLOOR SEALER
 - INSTALL NEW LIFTS - SEE EQUIPMENT PLAN
 - TIRE CHANGING EQUIPMENT - SEE EQUIPMENT PLAN
 - WRAP COLUMN WITH GIP AND SHEET ROCK CLIP
 - EXISTING JOB CRANE TO REMAIN
 - PATCH CONC FLOOR SLAB - SLAB THICKNESS TO MATCH EXISTING. PREPARE FOR AND APPLY NEW FLOOR FINISH
 - PARTS CART BY OWNER
 - MODIFY EXISTING FENCE FOR NEW CONSTRUCTION
 - OPERABLE WALL SYSTEM - SEE SECTION 10 22 39 FOLDING PANEL PARTITIONS. PROVIDE UNENCLOSED PANEL STORAGE AGAINST EAST WALL
 - PARTS STORAGE RACKS - BY OWNER
 - PARTS DESK FURNITURE - BY OWNER
 - 2" RIGID INSULATION UNDER FLOOR SLAB AT HATCHED AREA FOR IN-FLOOR RADIANT HEAT - SEE MECHANICAL
 - INFILL AT REMOVED DOOR/WINDOW. MATCH ADJACENT MASONRY.
 - PATCH EXISTING WALL AT REMOVED PARTITION



1 FLOOR PLAN - SEGMENT A
1/8" = 1'-0"

WESTERN TECHNICAL COLLEGE
AUTOMOTIVE TECHNOLOGY CENTER
 Project Title:
 Project Number:
24061
 Project Date:
FEB 2025
 Drawn By:
TBS
 Key Plan:

 KEY PLAN

Project Location: **2721 LARSON STREET**
LA CROSSE, WI 54603
 Sheet Title:
FLOOR PLAN - SEGMENT A

BID SET

Revisions:

No.	Description	Date
A02	ADD 02	2.27.2025

Graphic Scale:
VARIES

Last Update:
2/27/2025 1:14:10 PM

A101



Consultant:

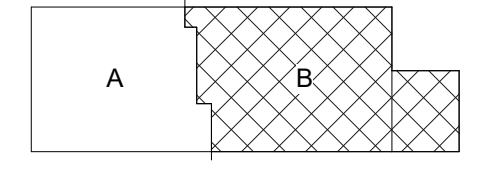
Project Title: **WESTERN TECHNICAL COLLEGE
AUTOMOTIVE TECHNOLOGY CENTER**
Project Location: 2721 LARSON STREET
LA CROSSE, WI 54603
Sheet Title: **FLOOR PLAN - SEGMENT B**

HSR Project Number: **24061**

Project Date: **FEB 2025**

Drawn By: **TBS**

Key Plan:



KEY PLAN

BID SET

No.	Description	Date
A02	ADD 02	2.27.2025

Graphic Scale: **VARIES**

Last Update: **2/27/2025 2:14:41 PM**

A102

KEY NOTES PLAN

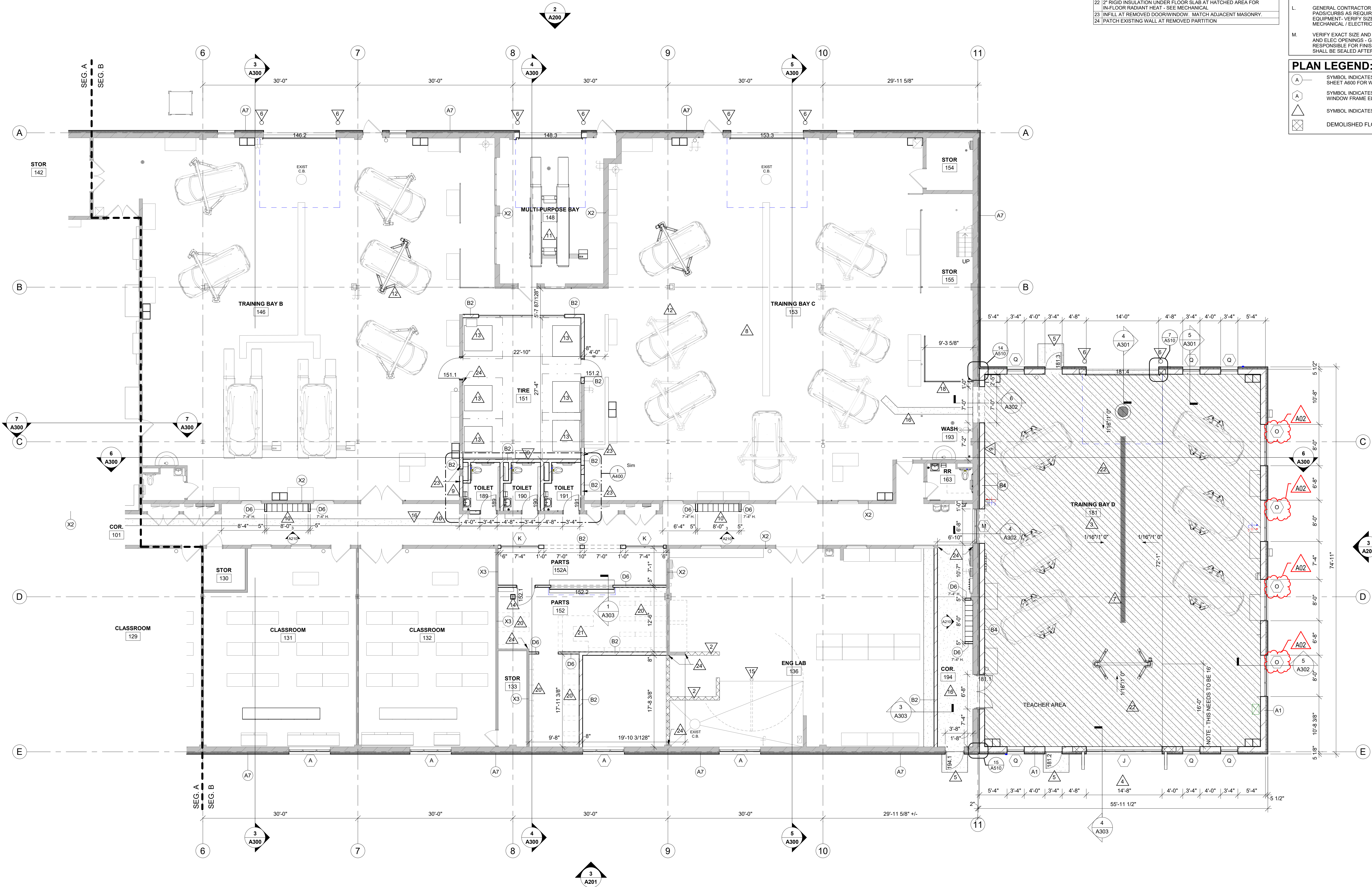
1. INSTALL NEW PLUMBING FIXTURE
2. PATCH EXISTING CONCRETE FLOOR AT CMU WALL REMOVAL & APPLY NEW FLOOR SEALER
3. INSTALL NEW CONCRETE SLAB-ON-GRADE - SEE STRUCTURAL SHEETS
4. SEE CIVIL PLANS FOR SITE REQUIREMENTS
5. INSTALL NEW CONCRETE FROST STOOP - SEE STRUCTURAL SHEETS
6. INSTALL NEW BOLLARD
7. INSTALL NEW TRENCH DRAIN - SEE PLUMBING SHEETS
8. CLEAN EXISTING CONCRETE FLOOR. APPLY NEW FLOOR SEALER
9. BRACKET MOUNTED FIRE EXTINGUISHER
10. INSTALL NEW LOCKERS (SUPPLIED AND INSTALLED BY CONTRACTOR)
11. PATCH CONCRETE FLOOR TO EXISTING CONCRETE FLOOR. APPLY NEW FLOOR SEALER
12. INSTALL NEW LIFTS - SEE EQUIPMENT PLAN
13. TIRE CHANGING EQUIPMENT - SEE EQUIPMENT PLAN
14. WRAP COLUMN WITH GYP. AND SHEET ROCK CLIP
15. EXISTING JIB CRANE TO REMAIN
16. PATCH CONC FLOOR SLAB - SLAB THICKNESS TO MATCH EXISTING. PREPARE FOR AND APPLY NEW FLOOR FINISH
17. PARTS CART BY OWNER
18. MODIFY EXISTING FENCE FOR NEW CONSTRUCTION
19. OPERABLE WALL SYSTEM. SEE SECTION 10 22 39 FOLDING PANEL PARTITIONS. PROVIDE UNENCLOSED PANEL STORAGE AGAINST EAST WALL
20. PARTS STORAGE RACKS - BY OWNER
21. PARTS DESK FURNITURE - BY OWNER
22. 2" RIGID INSULATION UNDER FLOOR SLAB AT HATCHED AREA FOR IN-FLOOR RADIANT HEAT - SEE MECHANICAL
23. INFILL AT REMOVED DOOR/WINDOW. MATCH ADJACENT MASONRY.
24. PATCH EXISTING WALL AT REMOVED PARTITION

PLAN GENERAL NOTES:

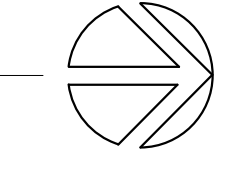
- A. REFER TO OVERALL PLANS FOR FIRE RATINGS LOCATIONS AND ACCESSIBILITY ROUTES.
- B. SEE ID SHEETS FOR FLOOR AND WALL FINISH LAYOUTS.
- C. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.
- D. FIXED EQUIPMENT IS SHOWN ON THIS PLAN FOR COORDINATION. SEE SHEETS **A1XX-A1XX** FOR ALL EQUIPMENT NOTES.
UNLESS NOTED OTHERWISE RESTROOM FLOORS SHALL BE SLOPED A MIN. 1/16" - 1/2" TO FLOOR DRAINS - TO "CENTER", IF NO FLOOR DRAINS.
- E. PAINT ALL EXPOSED STEEL LINTELS.
- F. EXTEND ALL WALLS TO DECK UNLESS NOTED OTHERWISE. SEE **ASXX** FOR TOP OF WALL DETAILS.
- G. INSTALL BULLNOSE CMU AT ALL OUTSIDE CORNERS W/O TILE AND AT DOOR JAMBS AS DETAILED. NO BULLNOSE AT WINDOW JAMBS.
- H. SEE **ASXX** FOR WALL CONTROL JOINT DETAILS. SEE PLANS AND ELEVATIONS FOR CJ LOCATIONS. CJ = CONTROL JOINTS.
- I. SEE **ASXX** FOR TYPICAL HEAD FLASHING AND THROUGH-WALL FLASHING ISOMETRIC DETAILS.
- J. SEE STRUCTURAL FOR SLAB CONTROL JOINTS.
- K. GENERAL CONTRACTOR TO PROVIDE CONCRETE EQUIPMENT PADS/CURBS AS REQUIRED FOR MECHANICAL / ELECTRICAL EQUIPMENT. VERIFY SIZE, PROFILE & LOCATION WITH MECHANICAL / ELECTRICAL.
- L. VERIFY EXACT SIZE AND LOCATION OF ALL MECHANICAL / PLUMB AND ELEC OPENINGS. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH AT ALL VISIBLE AREAS. ALL OPENING SHALL BE SEALED AFTER UTILITY INSTALLATION.

PLAN LEGEND:

- (A) SYMBOL INDICATES WALL TYPE - SEE SHEET A600 FOR WALL TYPE DETAILS.
- (A) SYMBOL INDICATES WINDOW TYPE. SEE SHEET A600 FOR WINDOW FRAME ELEVATIONS.
- (X) SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET
- (X) DEMOLISHED FLOOR PATCH AND FINISH



1 FLOOR PLAN - SEGMENT B
1/8" = 1'-0"





ELEVATION GENERAL NOTES:

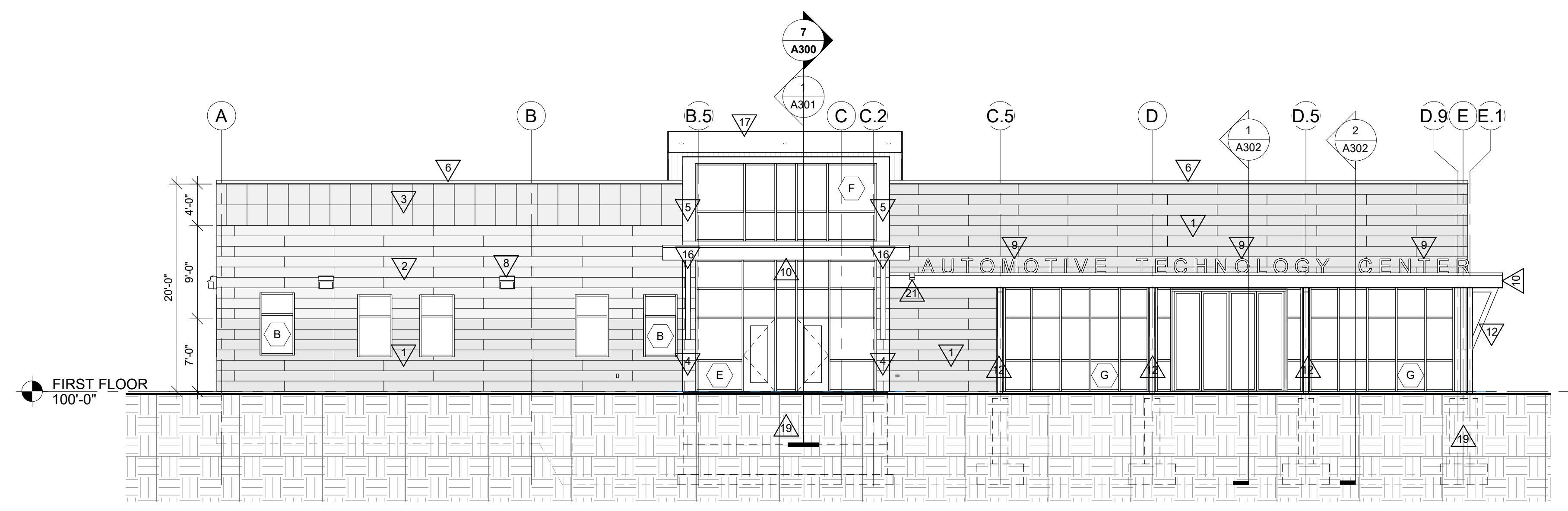
A SEE SPECIFICATION FOR MATERIAL TYPE.

ELEVATION LEGEND:

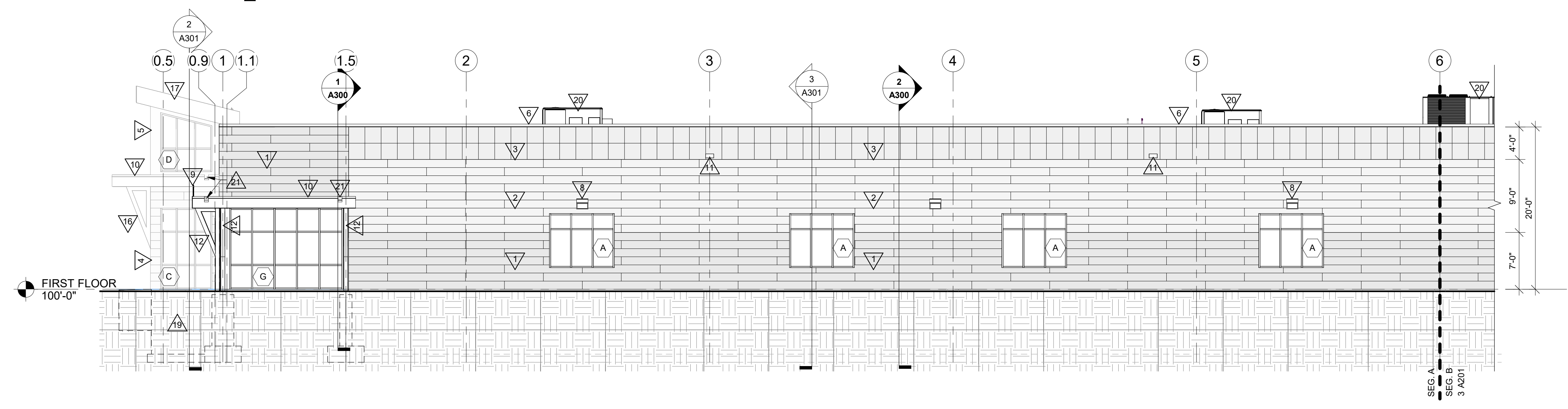
- KEYNOTE TAG
- WINDOW TAG - SEE SHEET A603 FOR FRAME ELEVATIONS
- MATERIAL TYPE 1
12" HIGH METAL PANEL - CARMINE BLUSH COLOR
- MATERIAL TYPE 2
12" HIGH METAL PANEL - LIGHT BRONZE COLOR
- MATERIAL TYPE 3
2'-0" X 2'-0" METAL PANEL - ALMOND SUEDE COLOR
- MATERIAL TYPE 4 - METAL PANEL - CARDINAL RED
- MATERIAL TYPE 5 - METAL PANEL - PLATINUM SILVER

KEY NOTES ELEVATION

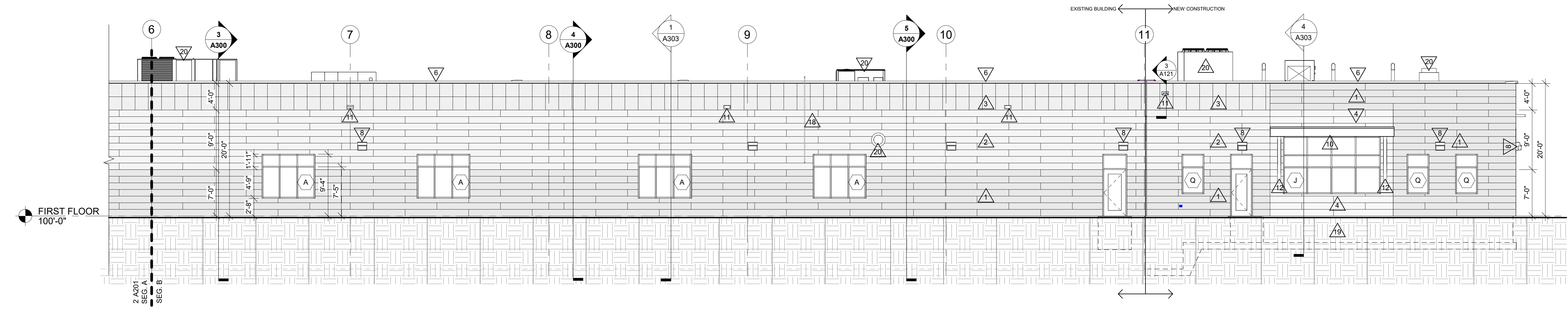
- MATERIAL TYPE 1 - 12" HIGH METAL PANEL - CARMINE BLUSH
- MATERIAL TYPE 2 - 12" HIGH METAL PANEL - LIGHT BRONZE
- MATERIAL TYPE 3 - 2'-0" X 2'-0" METAL PANEL - ALMOND SUEDE
- MATERIAL TYPE 4 - METAL PANEL - CARDINAL RED
- MATERIAL TYPE 5 - METAL PANEL - PLATINUM SILVER
- METAL CAP
- BOLLARD - SEE CIVIL
- EXTERIOR LIGHTING - SEE ELECTRICAL
- 18" CAST ALUMINUM SIGN LETTERS MOUNTED TO STEEL TUBE - SEE DETAIL A201
- CANOPY - SEE ROOF PLAN
- THROUGH WALL SCUPPER
- CANOPY SUPPORT (PAINT) - SEE STRUCTURAL
- (NOT USED)
- PLUMBING FIXTURE - SEE PLUMBING
- EV CHARGER - SEE ELECTRICAL
- DECORATIVE STEEL BRACKET (PAINT)
- PREFINISHED METAL FASCIA
- PIPING - SEE PLUMBING
- CONC FOUNDATION AND FOOTING - SEE STRUCTURAL
- MECHANICAL EQUIPMENT - SEE MECHANICAL
- CANOPY SCUPPER



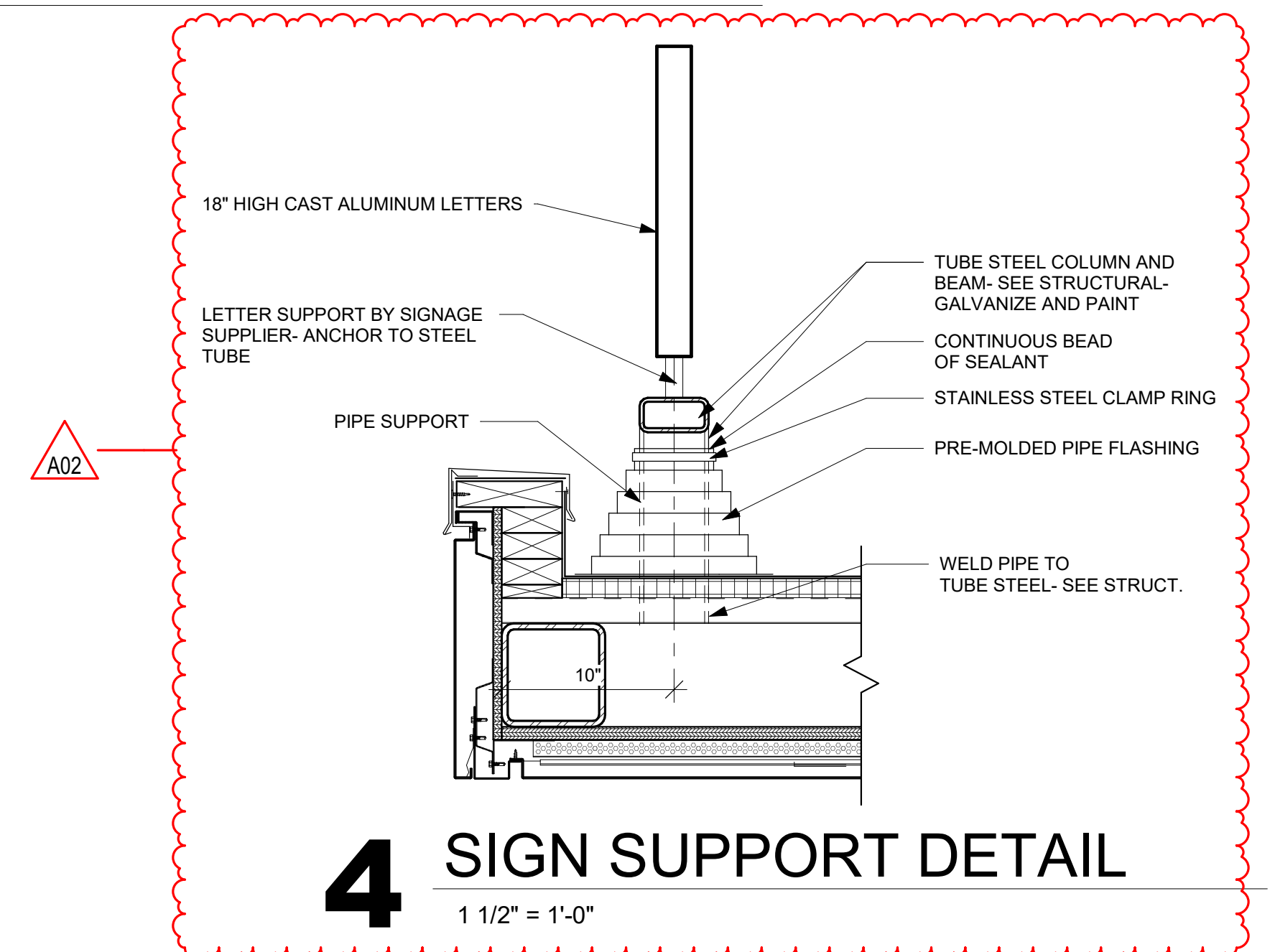
1 SOUTH ELEVATION
1/8" = 1'-0"



2 EAST ELEVATION - SEGMENT A
1/8" = 1'-0"



3 EAST ELEVATION - SEGMENT B
1/8" = 1'-0"



4 SIGN SUPPORT DETAIL
1 1/2" = 1'-0"



Consultant:

WESTERN TECHNICAL COLLEGE
AUTOMOTIVE TECHNOLOGY CENTER
CASEWORK & INTERIOR ELEVATIONS

Project Title:
Project Location: 2721 LARSON STREET
LA CROSSE, WI 54603
Sheet Title:

HSR Project Number:
24061

Project Date:
FEB 2025

Drawn By:
TBS

Key Plan:

BID SET

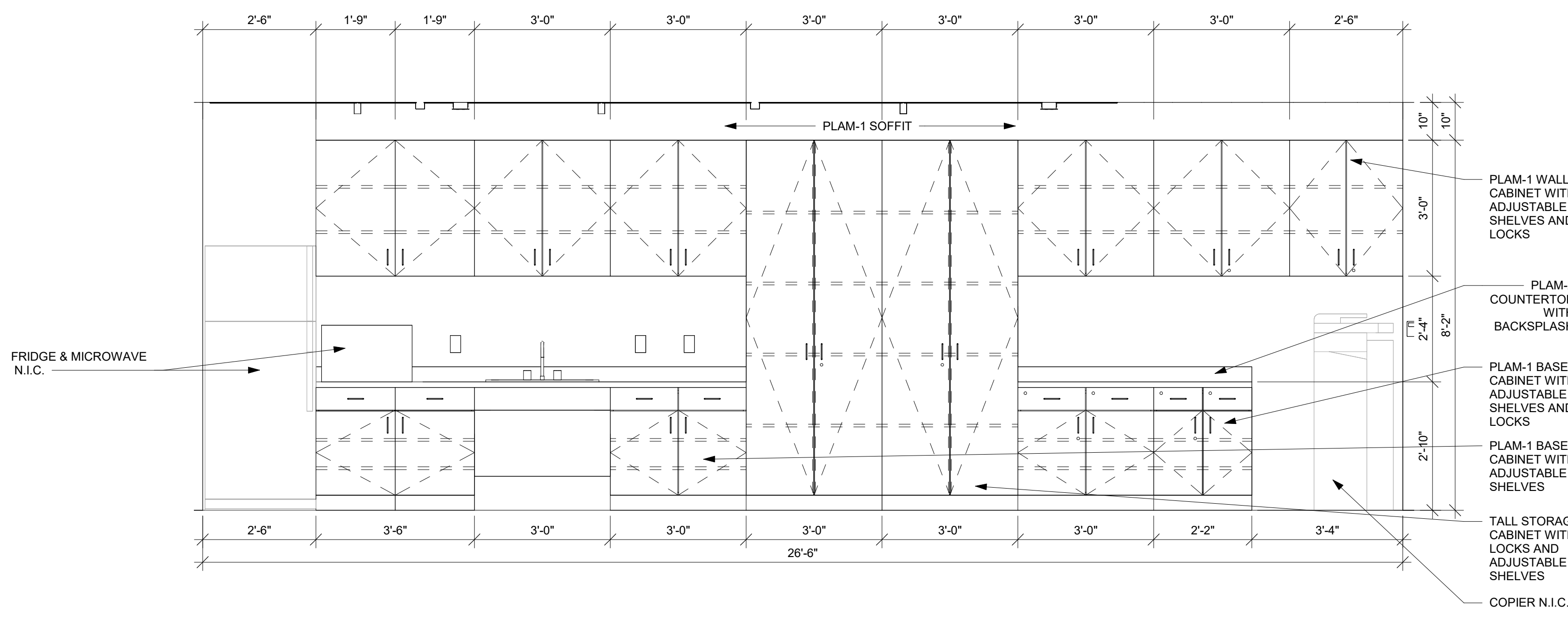
No.	Description	Date
A02	ADD 02	2.27.2025

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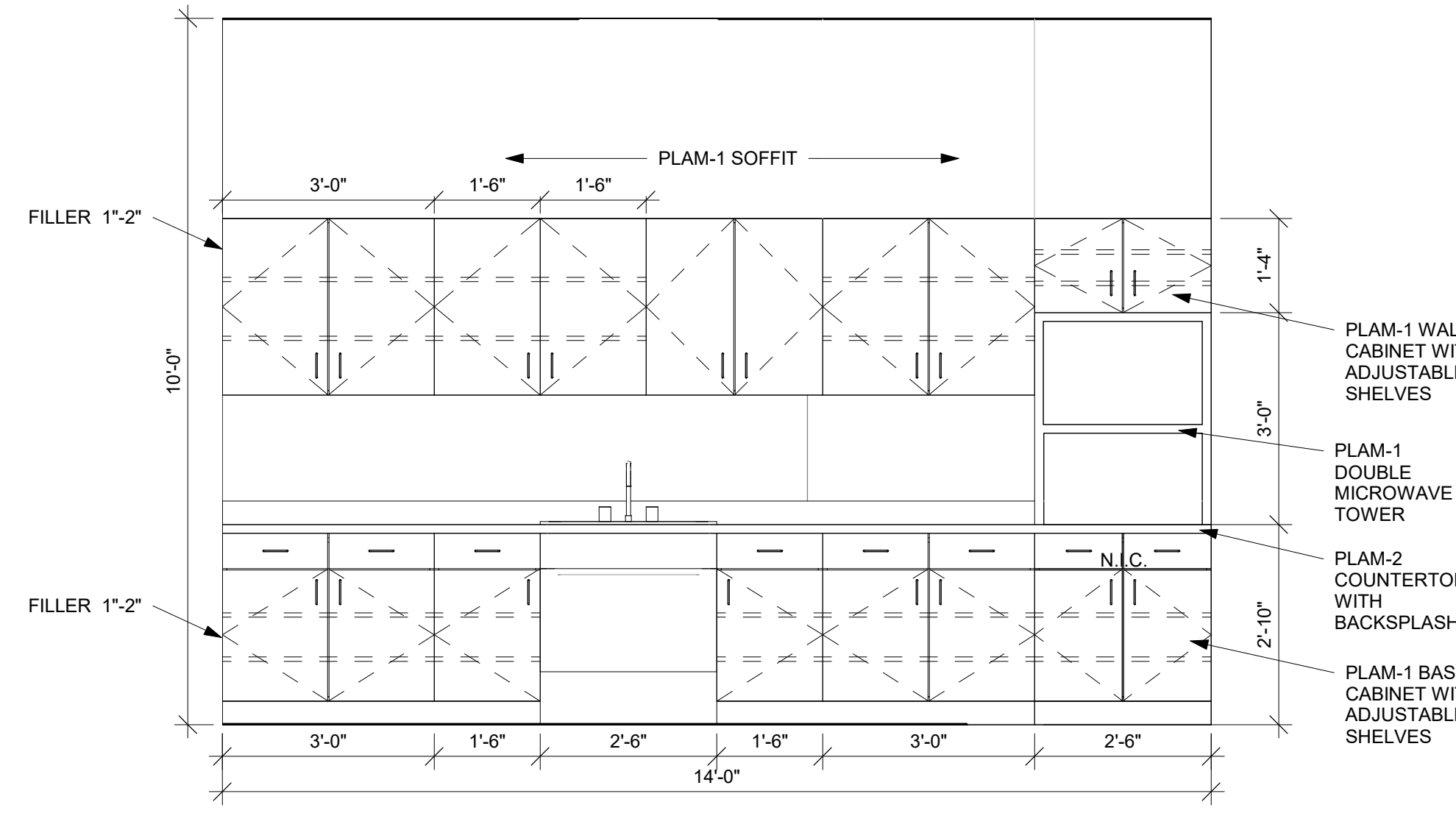
Last Update:
2/27/2025 1:17:34 PM

A210

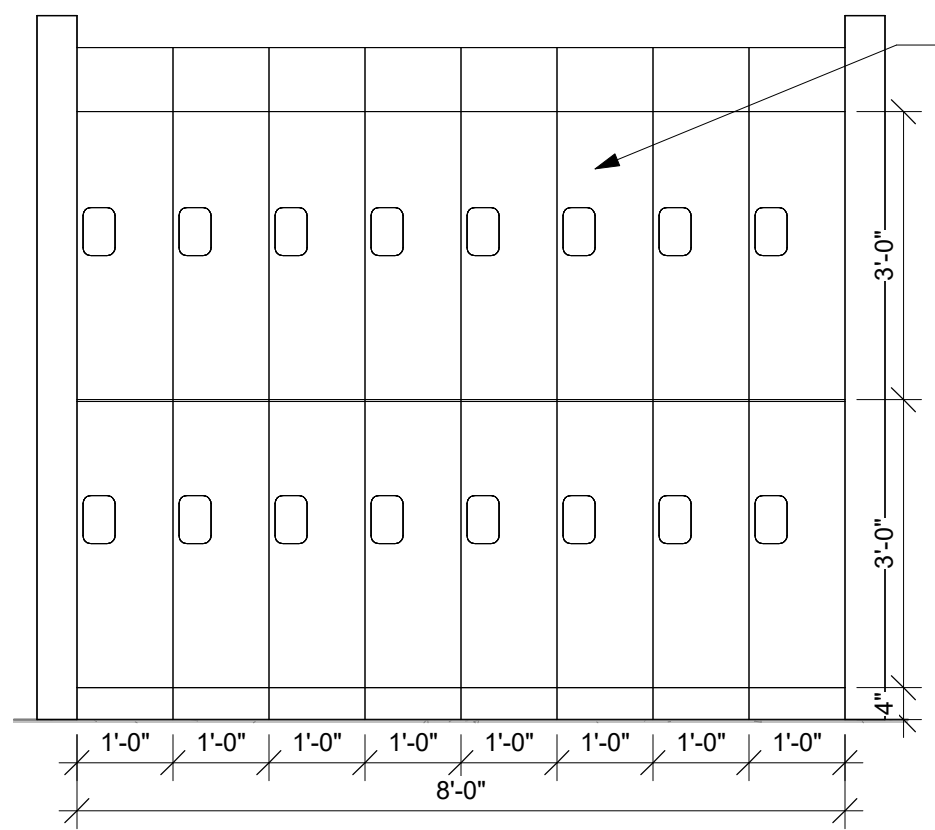
- CASEWORK GENERAL NOTES:**
- A. ALL CABINET LOCKS SHALL BE KEYPED ALIKE.
 - B. CASEWORK MANUFACTURER SHALL FIELD VERIFY ALL CASEWORK DIMENSIONS & CONDITIONS PRIOR TO FABRICATION OF CASEWORK.
 - C. PROVIDE FINISHED END PANELS AT ALL KNEE SPACE, ALCOVES, AND EXPOSED CABINET ENDS.
 - D. INSTALL 1-1/2" WOOD BLOCKING BETWEEN STUDS FOR CASEWORK MOUNTING AT TOP AND BOTTOM OF ALL WALL CABINETS AND AT TOP OF ALL BASE CABINETS.
 - E. ALL BASE CABINET KICKS, ALCOVES, KNEE SPACE AND END PANELS SHALL RECEIVE BASE UNLESS OTHERWISE NOTED. SEE MASTER COLOR SCHEDULE FOR SIZE AND COLOR.
 - F. SEAL EDGE OF COUNTER/BACKSLASH TO ALL WALL LOCATIONS W/ CLEAR SEALANT.
 - G. PROVIDE CORD GRABBERS AT ALL WORK STATIONS - COORDINATE W/ OWNER FOR LOCATIONS.
 - H. REFER TO MASTER COLOR SCHEDULE FOR PLASTIC LAMINATE SELECTIONS. ALL PLAM COUNTERTOPS TO BE PLAM-2. ALL LOWERUPPER CASEWORK TO BE PLAM-1. UNLESS OTHERWISE NOTED. [CONFIRM PLAM SELECTION W/ INTERIORS]
 - I. INSTALL TWO MAGNETIC CATCHES FOR ALL TALL CABINETS, TOP AND BOTTOM AT EACH DOOR. TALL CABINETS WITH LOCKS SHALL ALSO HAVE AN ELBOW LATCH INSTALLED AT A CENTER FIXED SHELF. ALL OTHER SHELVES SHALL BE ADJUSTABLE.
 - J. WALL CABINETS SHALL BE 13 1/2" DEEP (CLEAR INSIDE) AND BASE CABINETS SHALL BE 24" DEEP UNLESS NOTED OTHERWISE. COUNTERTOPS TO EXTEND 1" BEYOND THE FINISHED EDGE OF BASE CABINET UNLESS NOTED OTHERWISE.
 - K. LAMINATE GRAIN TO ALIGN VERTICALLY ON ALL CASEWORK.
 - L. REFER TO ACCESSORY SCHEDULE.



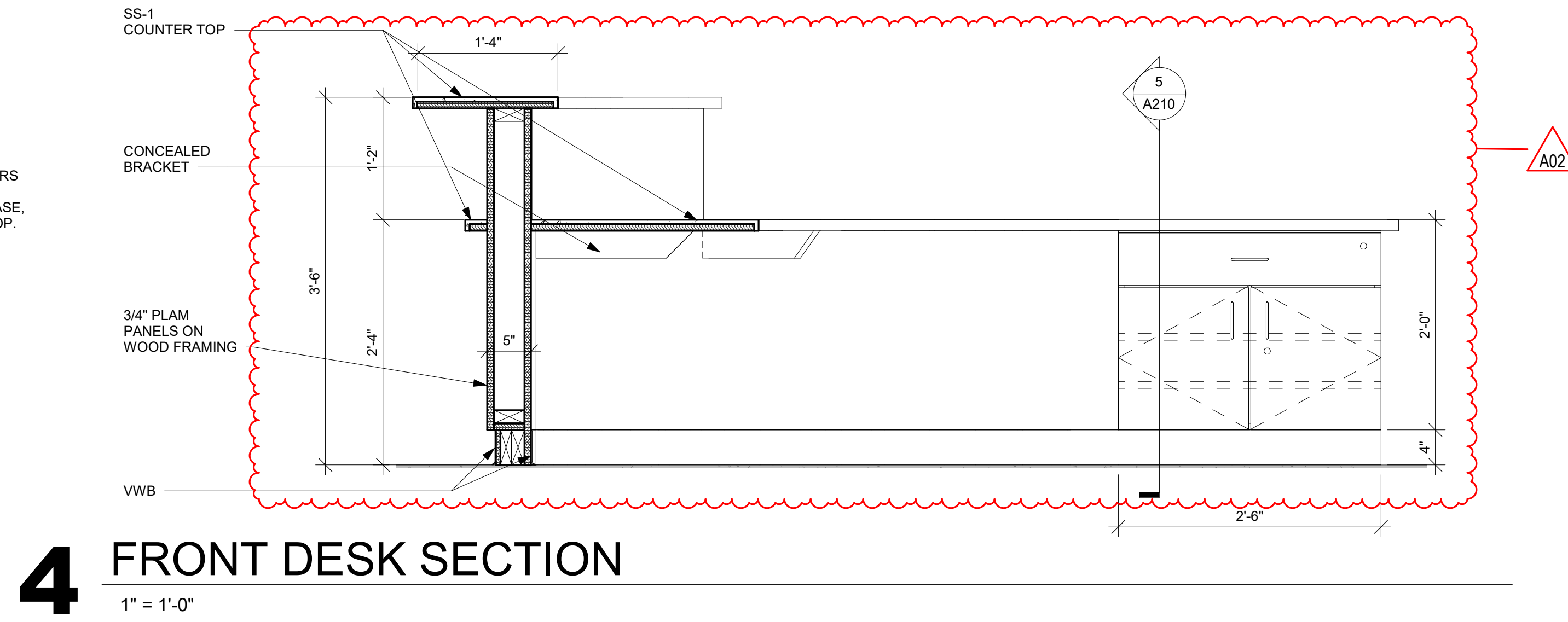
1 CSWK RM 106
1/2" = 1'-0"



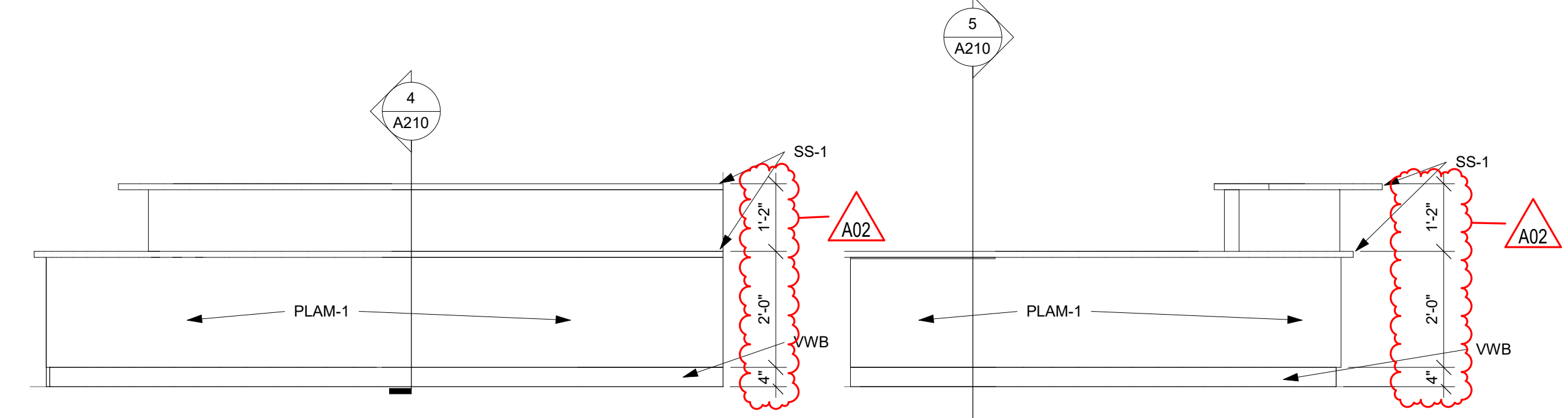
2 CSWK RM 119
1/2" = 1'-0"



3 LOCKER ELEVATION
1/2" = 1'-0"

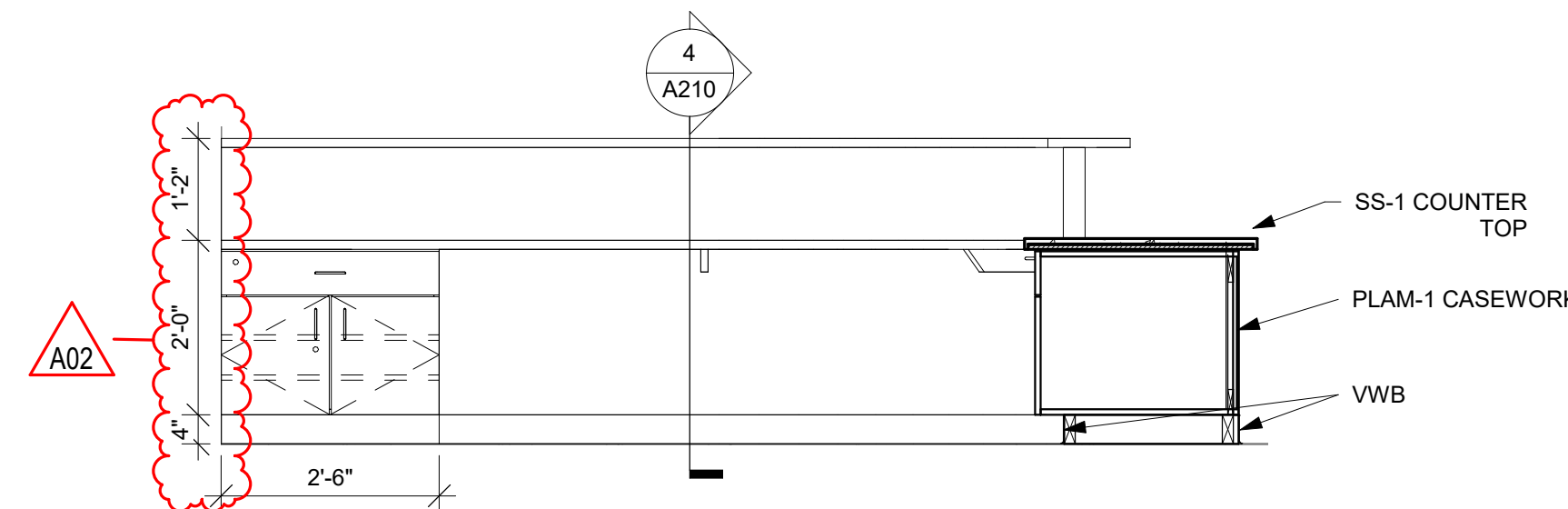


4 FRONT DESK SECTION
1" = 1'-0"

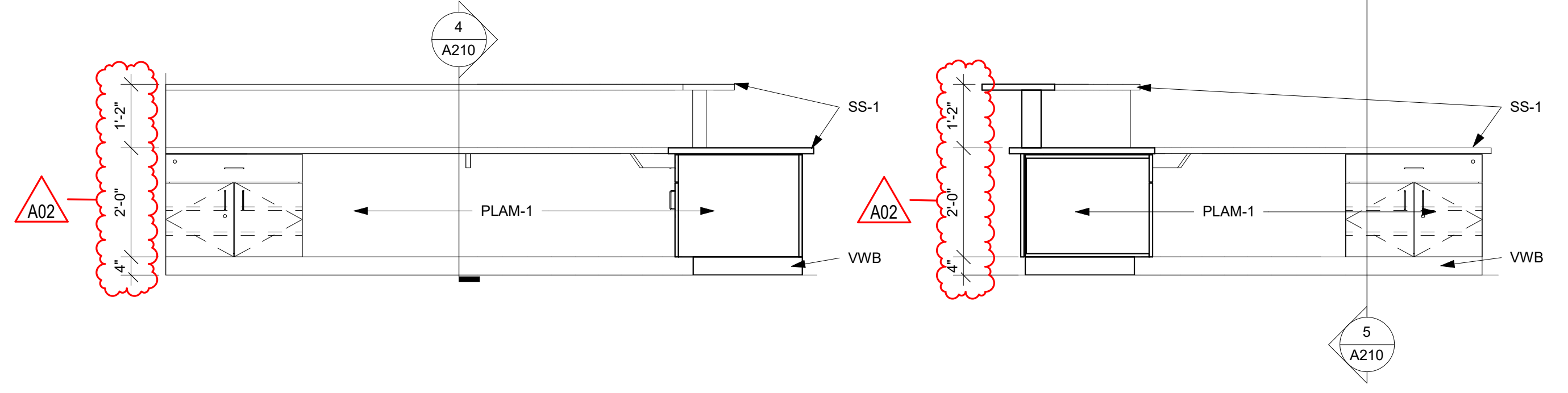


6 FRONT DESK ELEV
1/2" = 1'-0"

7 FRONT DESK ELEV
1/2" = 1'-0"

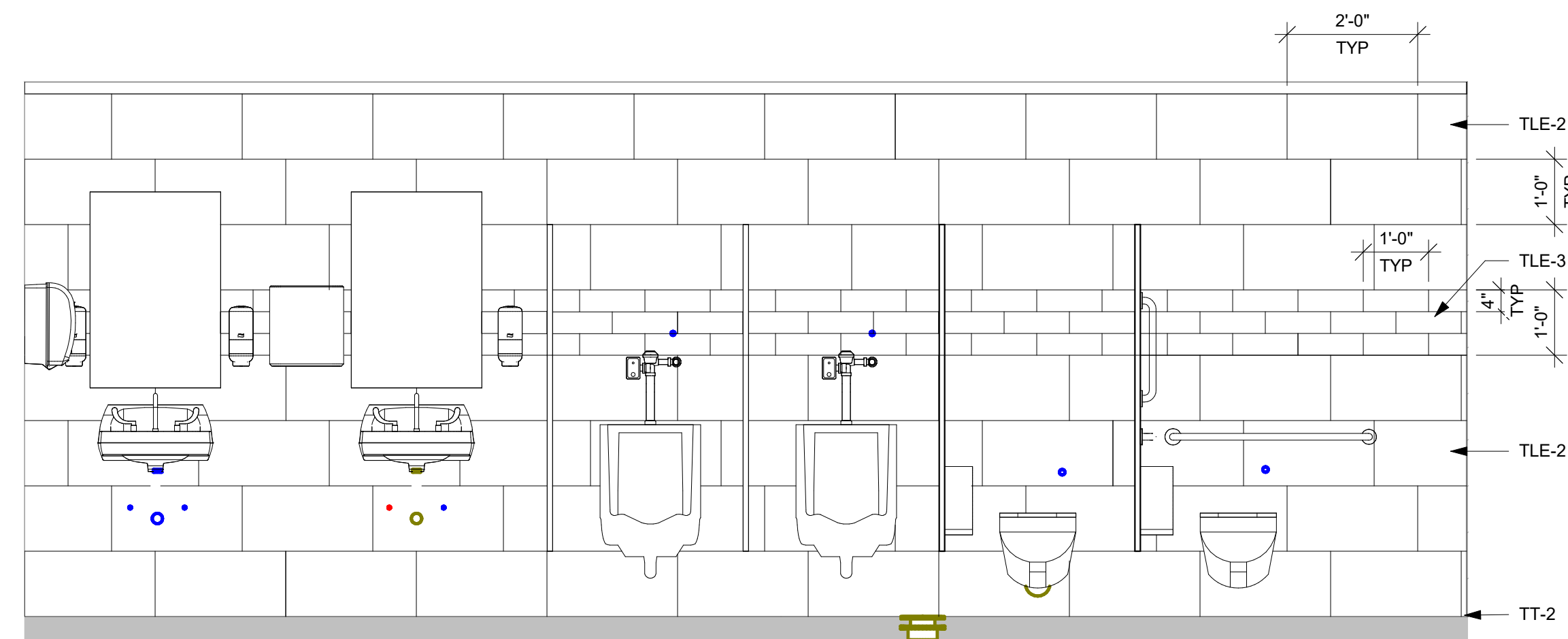


5 FRONT DESK SECTION
1/2" = 1'-0"

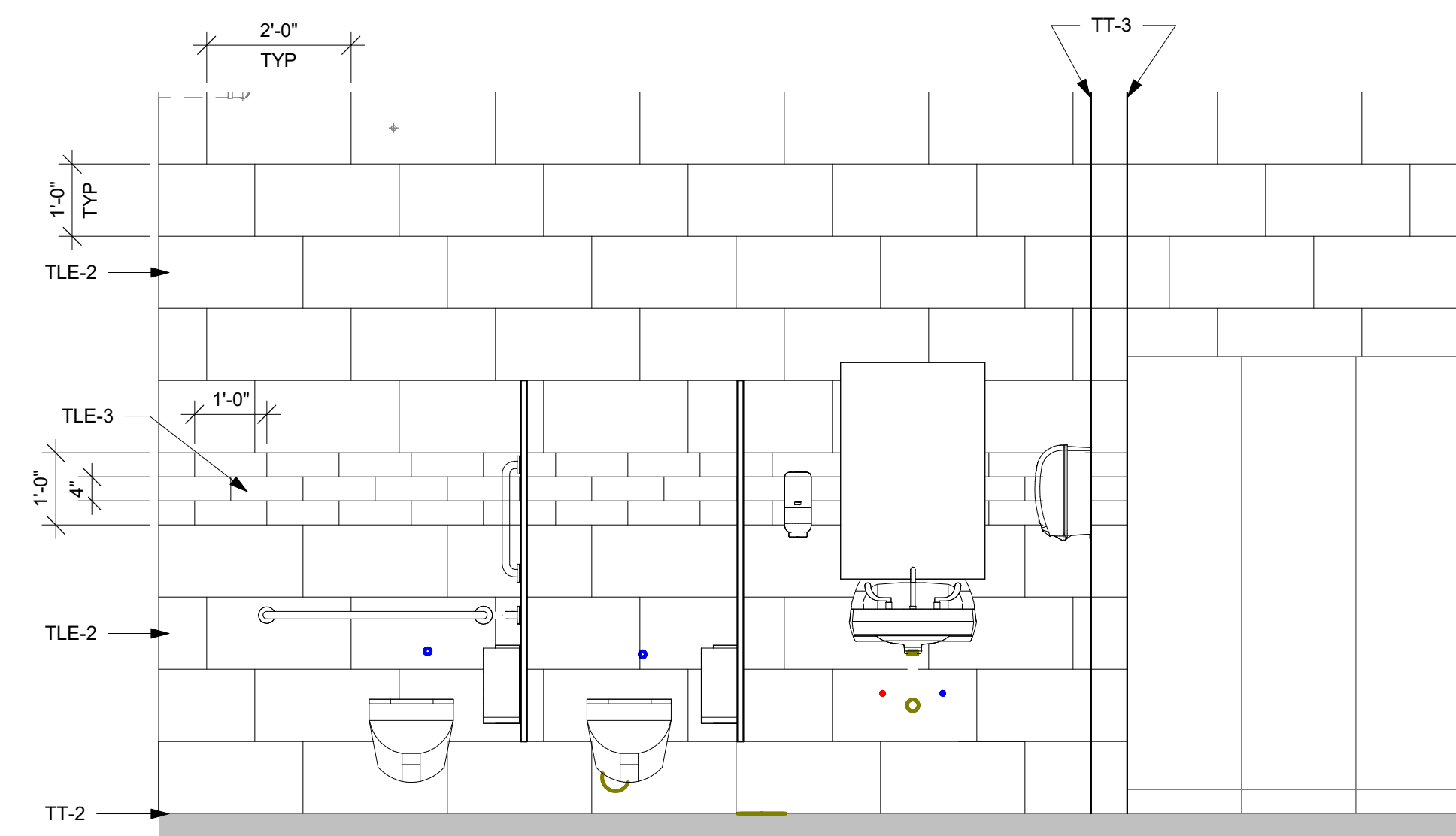


8 FRONT DESK ELEV
1/2" = 1'-0"

9 FRONT DESK ELEV
1/2" = 1'-0"



10 Mens 115
1/2" = 1'-0"



11 Womens 114
1/2" = 1'-0"



Consultant:

WESTERN TECHNICAL COLLEGE
AUTOMOTIVE TECHNOLOGY CENTER

Project Location: 2721 LARSON STREET
LA CROSSE, WI 54603

Sheet Title: WALL SECTIONS

HSR Project Number: 24061

Project Date: FEB 2025

Drawn By: TBS

Key Plan:



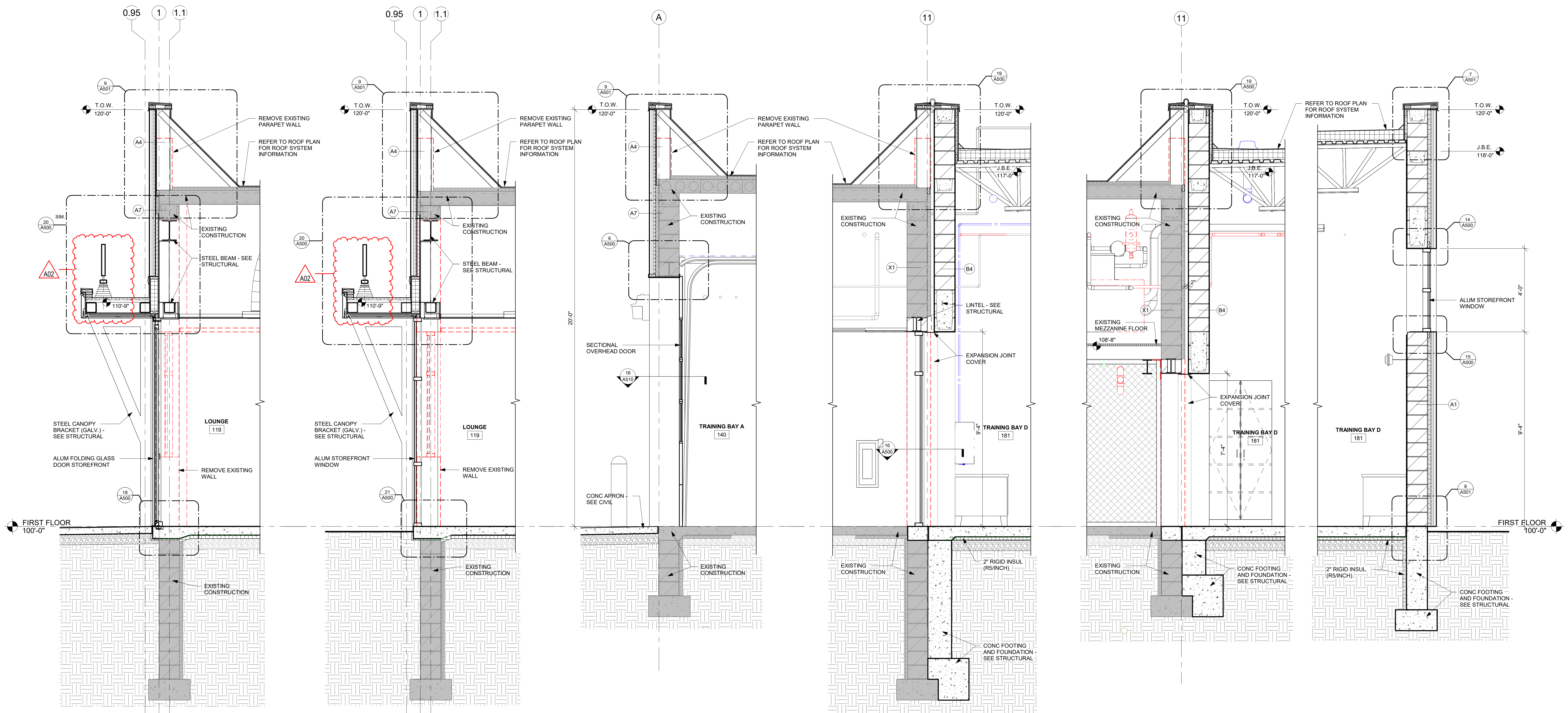
BID SET

No.	Description	Date
A02	ADD 02	2.27.2025

Graphic Scale: 0' 6" 1' 2' 3'

Last Update: 2/27/2025 1:18:22 PM

A302



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

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

3 WALL SECTION
1/2" = 1'-0"

4 WALL SECTION
1/2" = 1'-0"

6 WALL SECTION
1/2" = 1'-0"

5 WALL SECTION
1/2" = 1'-0"



Consultant:

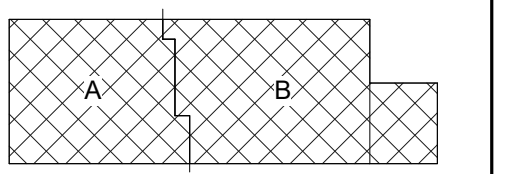
Project Title: **WESTERN TECHNICAL COLLEGE
AUTOMOTIVE TECHNOLOGY CENTER**
Project Location: 2721 LARSON STREET
LA CROSSE, WI 54603
Sheet Title: **ENLARGED**

HSR Project Number: **24061**

Project Date: **FEB 2025**

Drawn By: **TBS**

Key Plan:



KEY PLAN

BID SET

No.	Description	Date
A02	ADD 02	2.27.2025

Graphic Scale: **VARIES**

Last Update: **2/27/2025 2:47:41 PM**

A400

ACCESSORIES GENERAL NOTES:

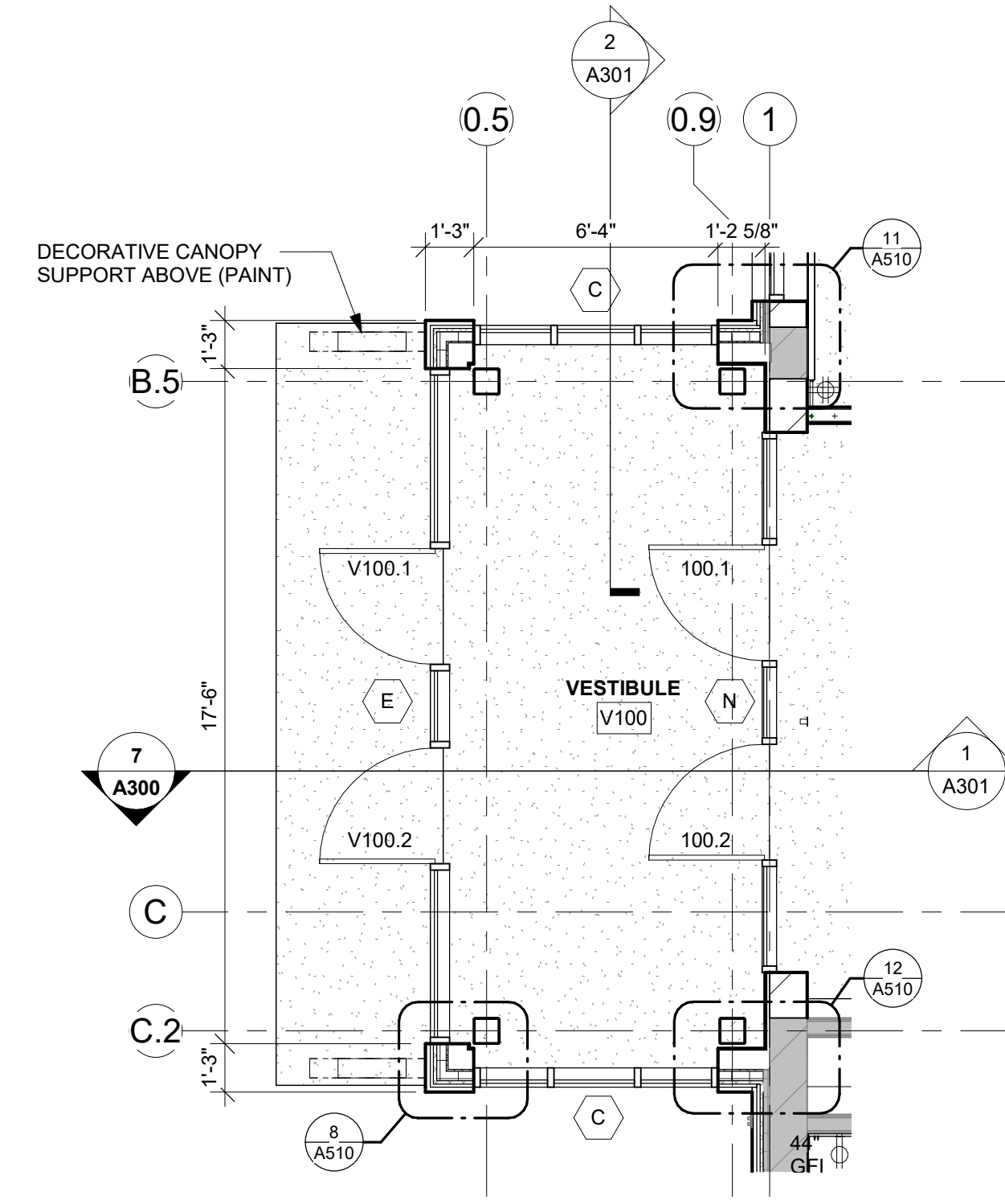
- NOT ALL ACCESSORIES REFERENCED ON SHEET 0002 ARE INCLUDED IN THIS PROJECT. SEE ENLARGED FLOOR PLANS / ELEVATION SHEETS FOR ACCESSORIES LOCATIONS / LAYOUT.
- ALL ACCESSORIES TO BE PROVIDED AND INSTALLED BY CONTRACTOR, UNLESS NOTED OTHERWISE.
- CONFIRM EXACT LOCATION OF EACH ACCESSORY WITH OWNER PRIOR TO INSTALLATION.
- SURFACE MOUNTED ACCESSORIES SHALL BE INSTALLED OVER WALL TILE.
- OFCI = OWNER FURNISHED, CONTRACTOR INSTALLED. BASIS OF DESIGN MODEL PROVIDED BY OWNER. VERIFIED FOR PLACEMENT COORDINATION.
- PROVIDE INSULATION WRAP AT EXPOSED PIPING AT SINKS WHERE NO OTHER PROTECTION IS PROVIDED.

ACCESSORY SCHEDULE

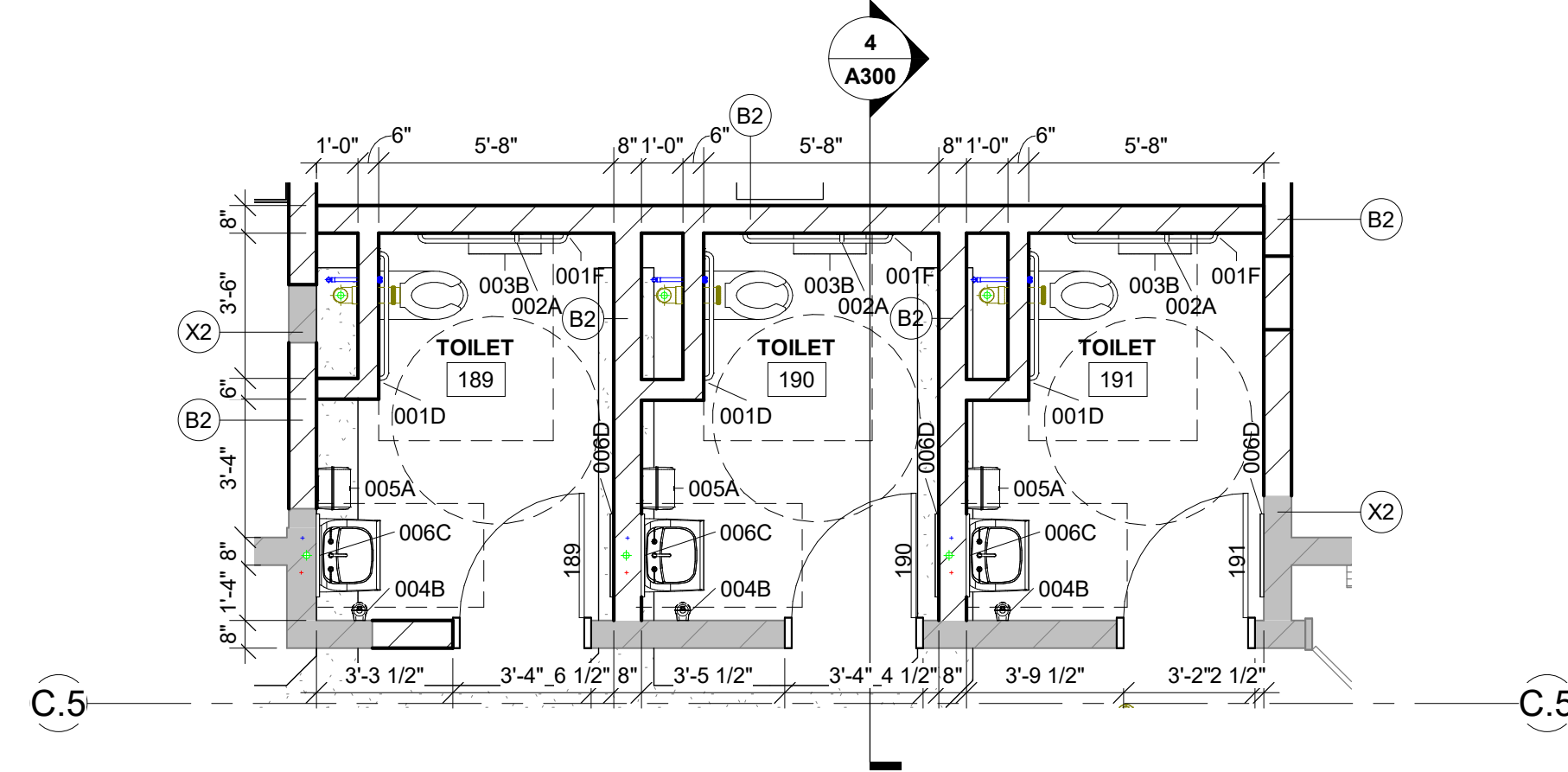
MARK	ITEM	LOC	HEIGHT A.F.F.	COMMENTS
001B	GRAB BAR, 24" HORIZONTAL	X	CENTER AT 2'-10" A.F.F.	
001D	GRAB BAR, 30" HORIZONTAL	X	CENTER AT 2'-10" A.F.F.	
001F	GRAB BAR, 42" HORIZONTAL	X	CENTER AT 2'-10" A.F.F.	
002A	GRAB BAR, 16" VERTICAL	X	BOTTOM AT 3'-4" A.F.F.	
003B	TOILET PAPER 2 ROLL JUMBO	X	SEE MOUNTING HEIGHTS DRAWINGS	
004B	SOAP DISPENSER AUTOMATIC	X	SEE MOUNTING HEIGHTS DRAWINGS	
005A	PAPER TOWEL DISPENSER ROLL	X	SEE MOUNTING HEIGHTS DRAWINGS	
006C	MIRROR, 24" x 36"	X	SEE MOUNTING HEIGHTS DRAWINGS	
006D	MIRROR, 24" x 60"	X	SEE MOUNTING HEIGHTS DRAWINGS	
007	SANITARY WIPER DISPOSAL	X	SEE MOUNTING HEIGHTS DRAWINGS	
009	BABY CHANGING STATION-SURFACE MOUNT	X	SEE MOUNTING HEIGHTS DRAWINGS	

DELETE 001LA
002B, 003A, 005B

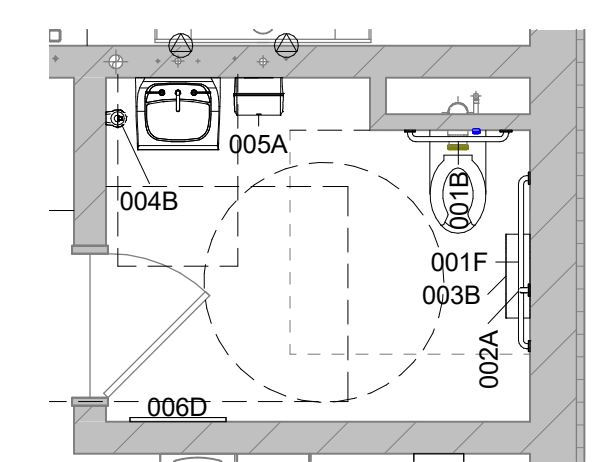
A02



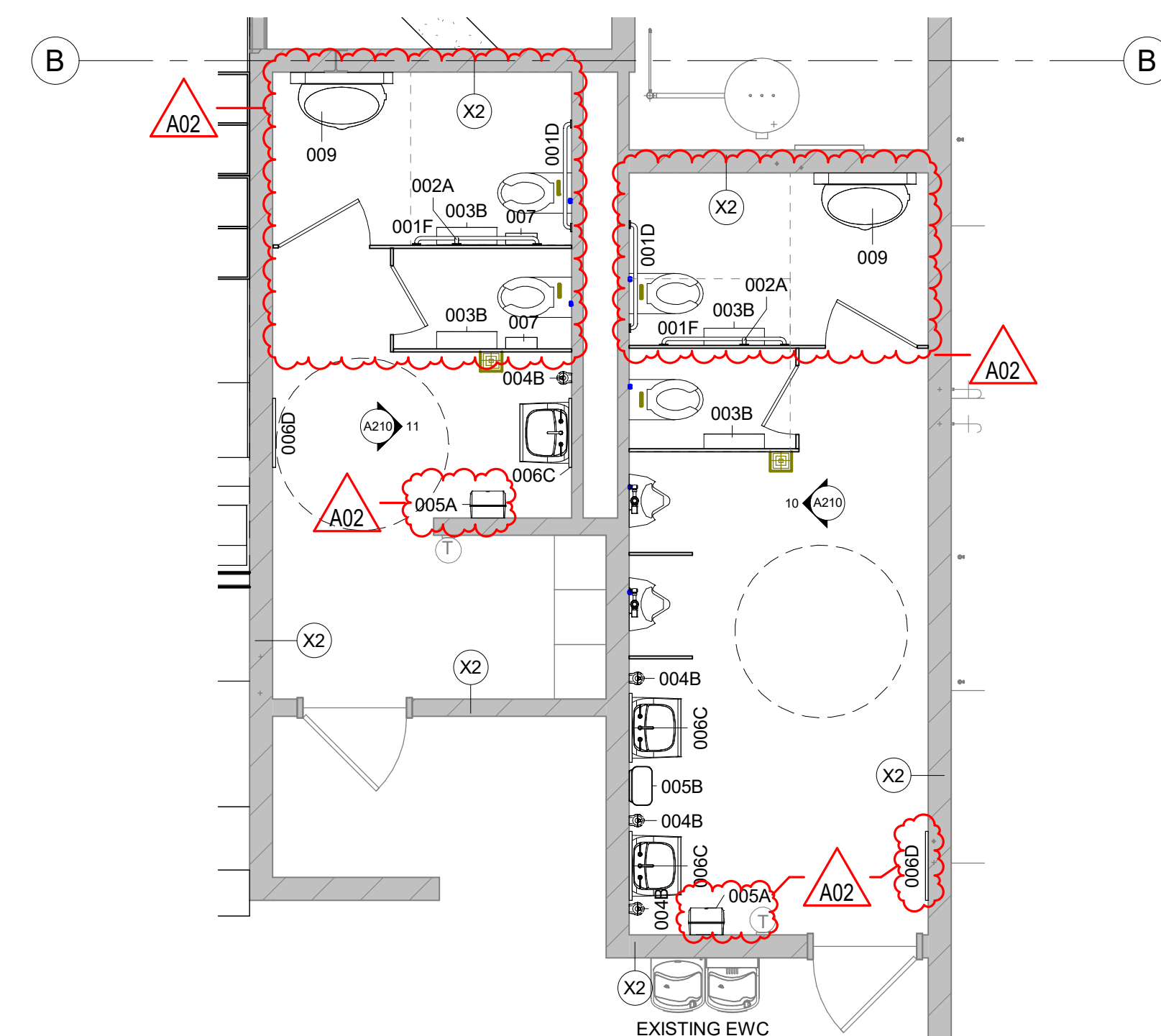
2 ENLARGED VESTIBULE PLAN
1/4" = 1'-0"



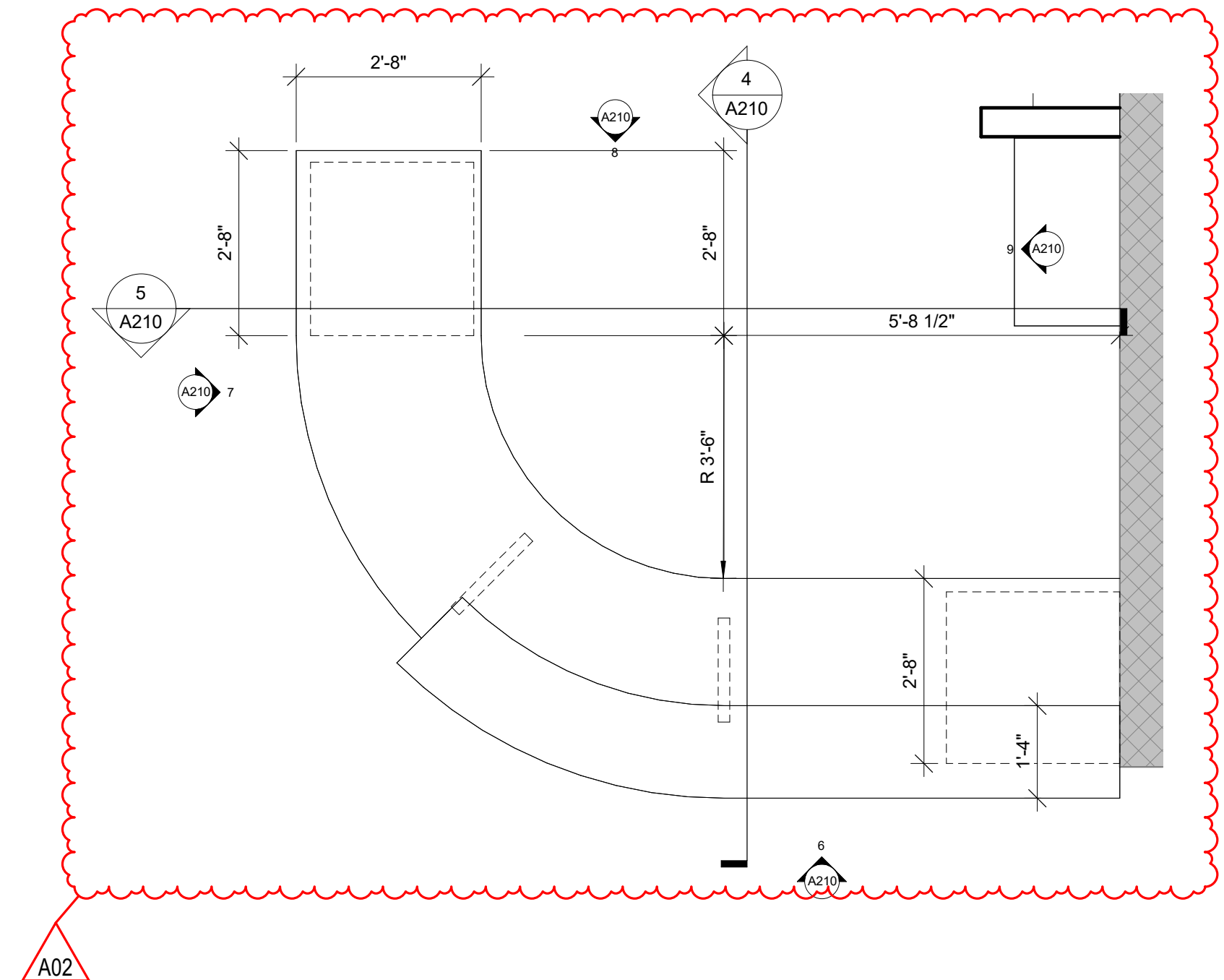
1 ENLARGED TOILET PLAN
1/4" = 1'-0"



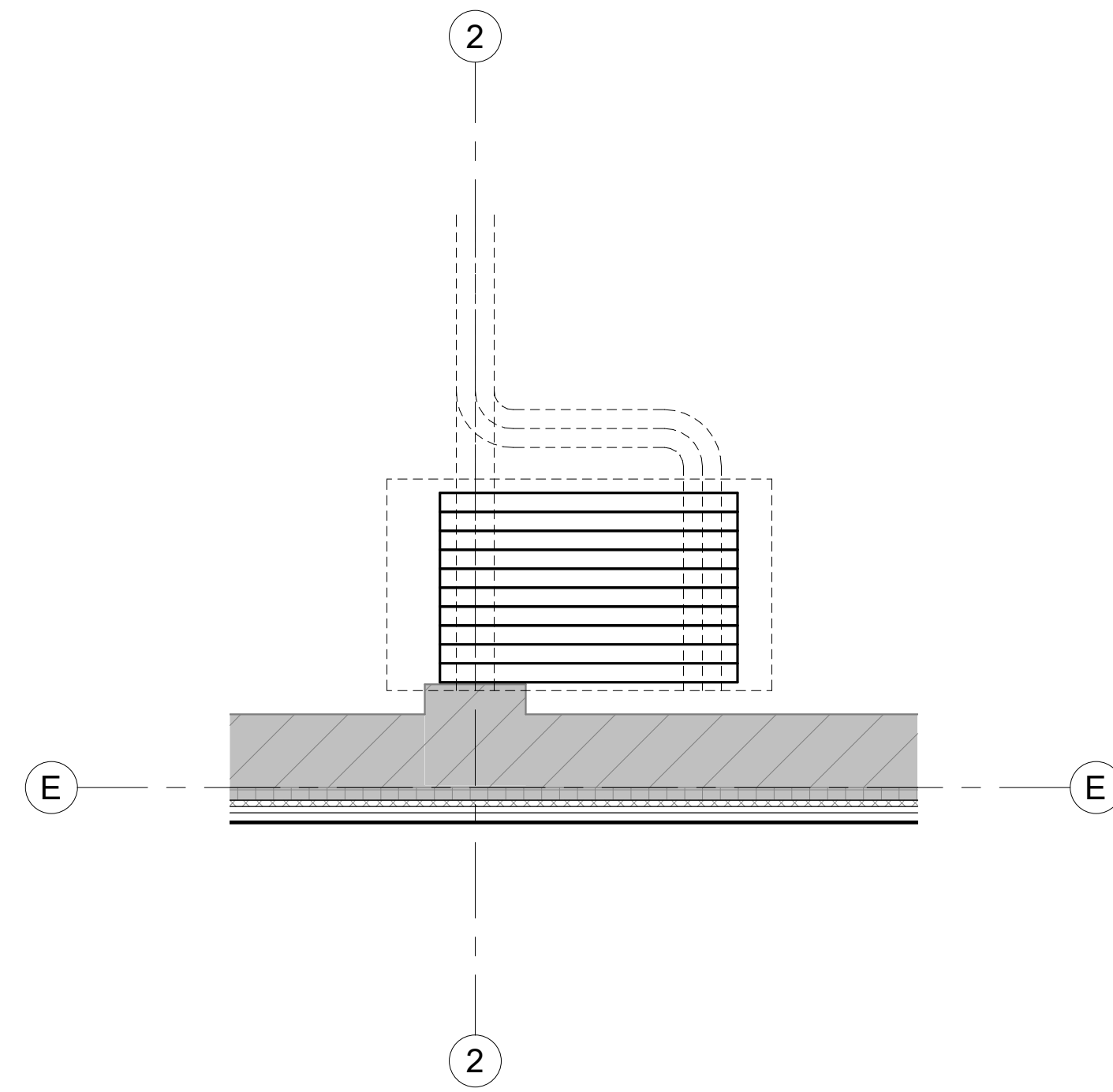
3 ENLARGED TOILET PLAN
1/4" = 1'-0"



4 ENLARGED TOILET PLAN
1/4" = 1'-0"



5 ENLARGED FRONT DESK PLAN
1/2" = 1'-0"



6 OPERABLE WALL STACK
1/2" = 1'-0"

A400



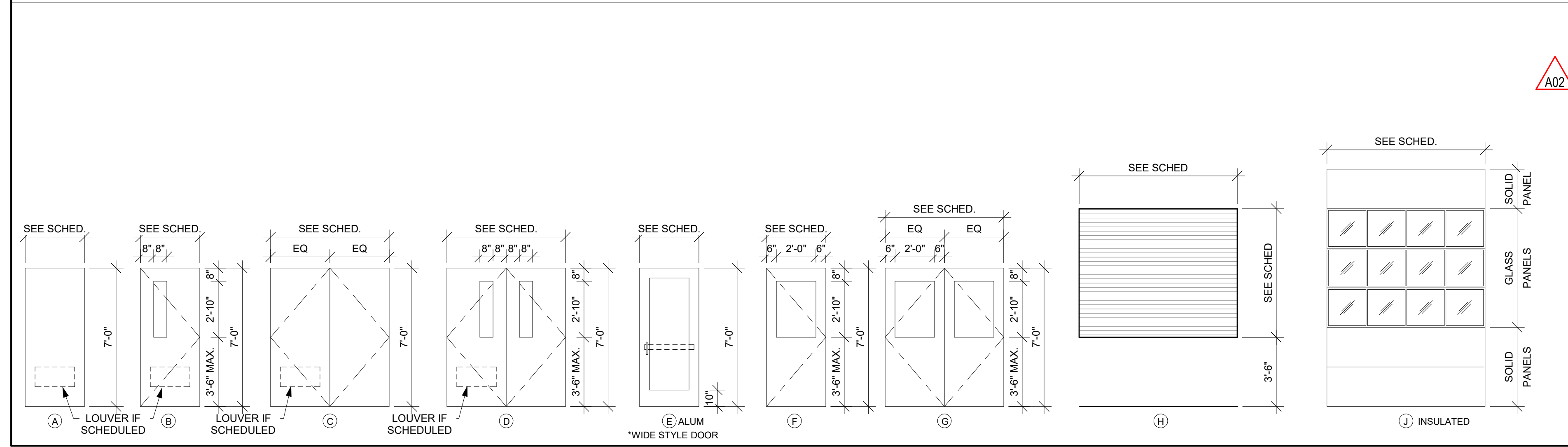
Consultant:

MARK	DOOR										FRAME			HDWR GROUP	REMARKS	
	SIZE			DOOR TYPE	DOOR MATERIAL	GLASS TYPE	FRAME TYPE	FRAME DEPTH	FRAME MATERIAL	GLASS TYPE	DETAILS					
	W	H	T								HEAD	JAMB	SILL			
100.1	3'-0"	7'-0"	1 1/2"	DOOR E	ALUM	GLT-4	DOOR E	4 1/2"	ALUM	GLT-4				1	1	
100.2	3'-0"	7'-0"	1 1/2"	DOOR E	ALUM	GLT-4	DOOR E	4 1/2"	ALUM	GLT-4				1	1.7	
103	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD		DOOR E	5 7/8"	HM	GLT-4			1A500	4		
104	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD		DOOR E	5 7/8"	HM	GLT-4			1A500	4		
105	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD		DOOR E	5 7/8"	HM	GLT-4			1A500	4		
107	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD		DOOR E	5 7/8"	HM	GLT-4			1A500	4		
108	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD		DOOR E	5 7/8"	HM	GLT-4			1A500	4		
109	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD		DOOR E	5 7/8"	HM	GLT-4			1A500	4		
110	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD		DOOR E	5 7/8"	HM	GLT-4			1A500	4		
112	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD		DOOR E	5 7/8"	HM	GLT-4			1A500	4		
117	3'-0"	7'-0"	1 1/2"	DOOR A	SCWD		DOOR E	8 3/4"	HM	GLT-4			7A500	4		
119	11'-0"	10'-0"	1 3/4"	DOOR J	STEEL		FRAME-OH-TRACK	1'-1 5/8"	STEEL				18A500	-		
140.3	14'-0"	12'-0"	1 1/2"	DOOR J	STEEL	GLT-13	FRAME-OH-TRACK	1'-1 5/8"	STEEL				6A500	16A510	3.4	
140.2	14'-0"	12'-0"	1 1/2"	DOOR J	STEEL	GLT-13	FRAME-OH-TRACK	1'-1 5/8"	STEEL				6A500	16A510	3.4	
148.3	12'-0"	12'-0"	1 1/2"	DOOR J	STEEL	GLT-13	FRAME-OH-TRACK	1'-1 5/8"	STEEL				6A500	16A510	3.4	
151.1	4'-0"	7'-0"	1 3/4"	DOOR F	HM		FRAME AA	8 3/4"	HM					5	2	
151.2	3'-4"	7'-0"	1 3/4"	DOOR F	HM		FRAME AA	8 3/4"	HM					2	2	
152.1	3'-4"	7'-0"	1 3/4"	DOOR F	SCWD		FRAME AA	8 3/4"	HM				8A500	7A500	1.2	
152.2	12'-0"	5'-0"	1 1/2"	COILING DOOR	ALUM		FRAME-OH-ROLLI NG	5"	ALUM					-	5	
153.3	14'-0"	12'-0"	1 1/2"	DOOR J	STEEL	GLT-13	FRAME-OH-TRACK	1'-1 5/8"	STEEL				6A500	16A510	3.4	
181.1	6'-4"	7'-0"	1 1/2"	DOOR G	HM	GLT-4	DOOR F	8 3/4"	HM	GLT-4			16A500 SIM	8	2	
181.2	6'-0"	7'-0"	1 1/2"	DOOR E	ALUM	GLT-13	DOOR E	4 1/2"	ALUM	GLT-13			13A500	2	1.6	
181.3	3'-0"	7'-0"	1 1/2"	DOOR A	ALUM		DOOR E	4 1/2"	ALUM	GLT-13			13A500	3	1.2, 6	
181.4	14'-0"	12'-0"	1 1/2"	DOOR J	STEEL	GLT-13	FRAME-OH-TRACK	1'-5 1/8"	STEEL				11A500	7A510	12A500	3.4
189	3'-0"	7'-0"	1 3/4"	DOOR A	SCWD		FRAME AA	8 3/4"	HM				8A500	7A500	7	2
190	3'-0"	7'-0"	1 3/4"	DOOR A	SCWD		FRAME AA	8 3/4"	HM				3A500	2A500	7	2
191	3'-0"	7'-0"	1 3/4"	DOOR A	SCWD		FRAME AA	8 3/4"	HM				3A500	2A500	7	2
194.1	3'-4"	7'-0"	1 1/2"	DOOR E	ALUM	GLT-13	DOOR E	4 1/2"	ALUM	GLT-13			9A500 SIM	13A500 SIM	2	1.6
V100.1	3'-0"	7'-0"	1 1/2"	DOOR E	ALUM	GLT-13	DOOR E	6"	ALUM	GLT-13				13A500	1	1.6
V100.2	3'-0"	7'-0"	1 1/2"	DOOR E	ALUM	GLT-13	DOOR E	6"	ALUM	GLT-13				13A500	1	1.6, 7

DOOR SCHEDULE GENERAL NOTES

- HM = HOLLOW METAL ALUM = ALUMINUM SCWD = SOLID CORE WOOD DOOR
- A. SEE SPECIFICATIONS FOR DOOR HARDWARE GROUPS
- B. ALL HM (HOLLOW METAL) DOORS AND FRAMES SHALL BE PAINTED
- C. ALL DOUBLE DOORS TO HAVE TWO EQUAL LEAFS UNLESS NOTED OTHERWISE

DOOR TYPES



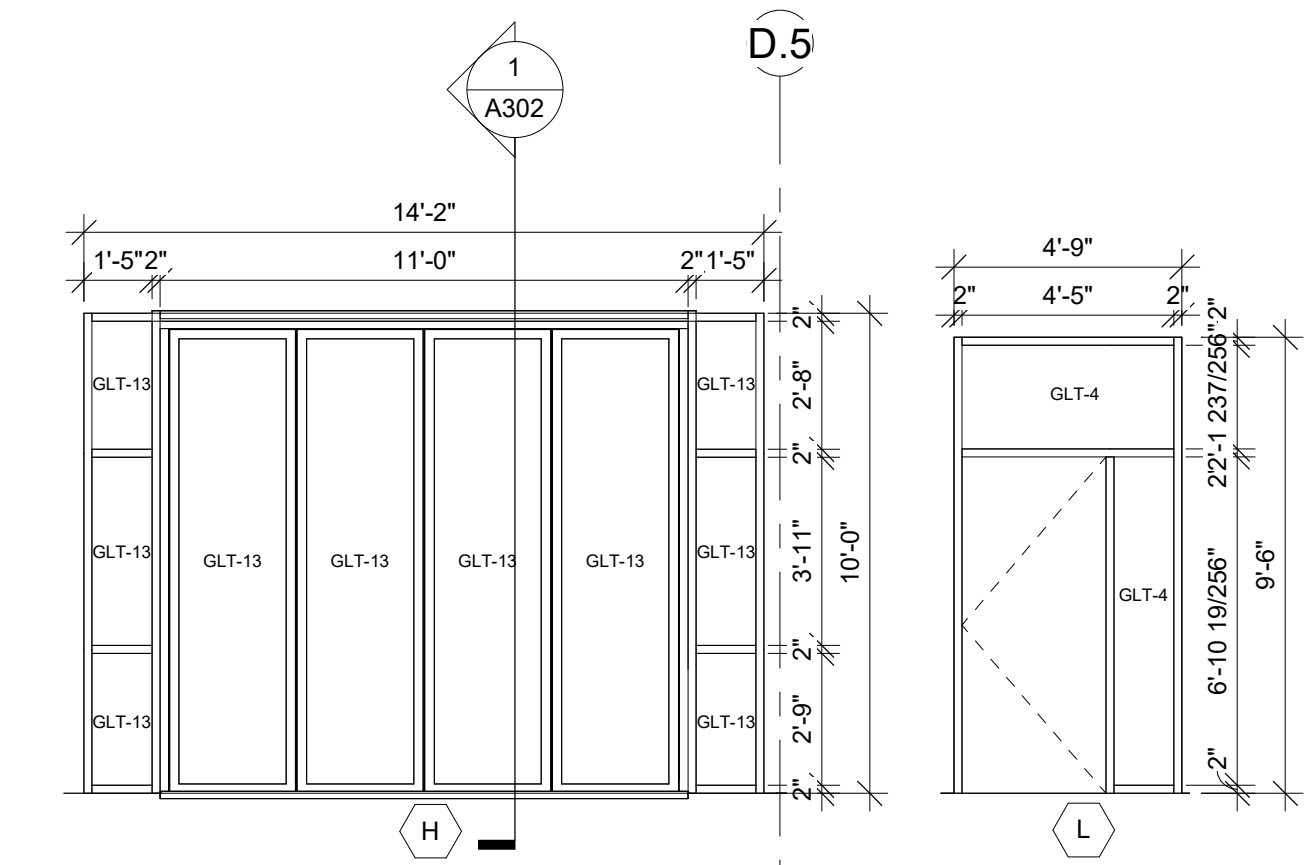
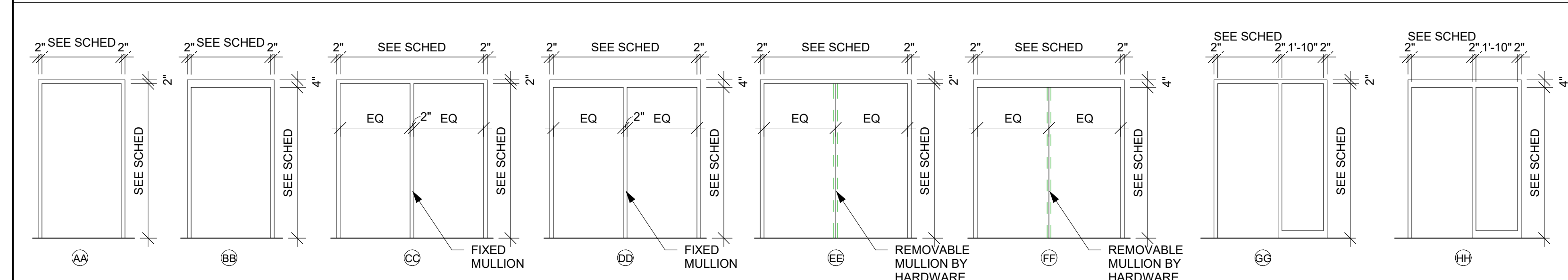
DOOR SCHEDULE REMARKS

- ELECTRONIC CARD ACCESS AND ELECTRIC STRIKE REQUIRED
- STANDARD KICK PLATE
- SECTIONAL DOOR TO BE MOTORIZED
- INSULATED GLAZING PER MANUFACTURER STANDARD. SEE SPECIFIED GLASS TYPE IN 08 56 13
- DOOR TO BE CHAIN OPERATED DOOR POSITION SWITCH
- AUTO OPERATOR
- HIGH-LIFT OVERHEAD DOOR TRACK-MOUNT TRACK AS CLOSE TO ROOF STRUCTURE AS POSSIBLE.

DOOR FRAME GENERAL NOTES

- HM = HOLLOW METAL ALUM = ALUMINUM
- A. SEE SHEET A600 FOR ADDITIONAL FRAME TYPES
- B. ALL HM (HOLLOW METAL) FRAMES SHALL BE PAINTED.

DOOR FRAME TYPES

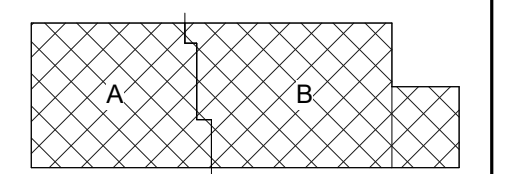


Project Number: 24061

Project Date: FEB 2025

Drawn By: TBS

Key Plan:



KEY PLAN

BID SET

No.	Description	Date
A02	ADD 02	2.27.2025

Graphic Scale: VARIES

Last Update: 2/27/2025 1:19:56 PM

A601



Consultant:

WESTERN TECHNICAL COLLEGE
AUTOMOTIVE TECHNOLOGY CENTER

Project Location: 2721 LARSON STREET
LA CROSSE, WI 54603

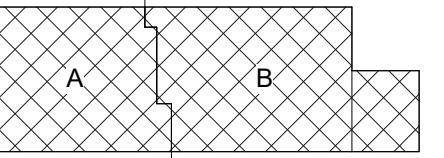
Sheet Title: FRAME ELEVATIONS

HSR Project Number: 24061

Project Date: FEB 2025

Drawn By: TBS

Key Plan:



KEY PLAN

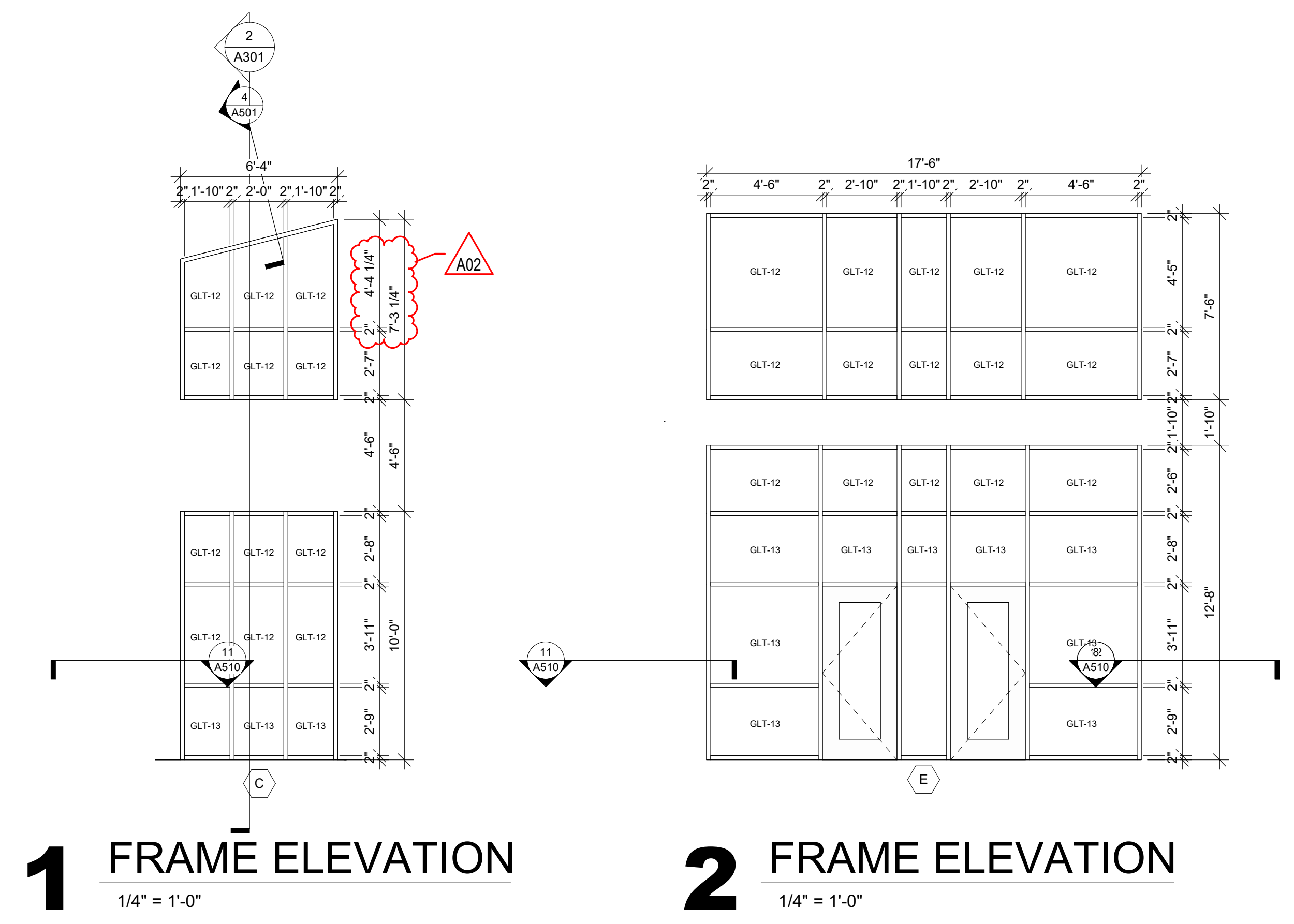
BID SET

No.	Description	Date
A02	ADD 02	2.27.2025

Graphic Scale: VARIES

Last Update: 2/27/2025 1:20:28 PM

A602



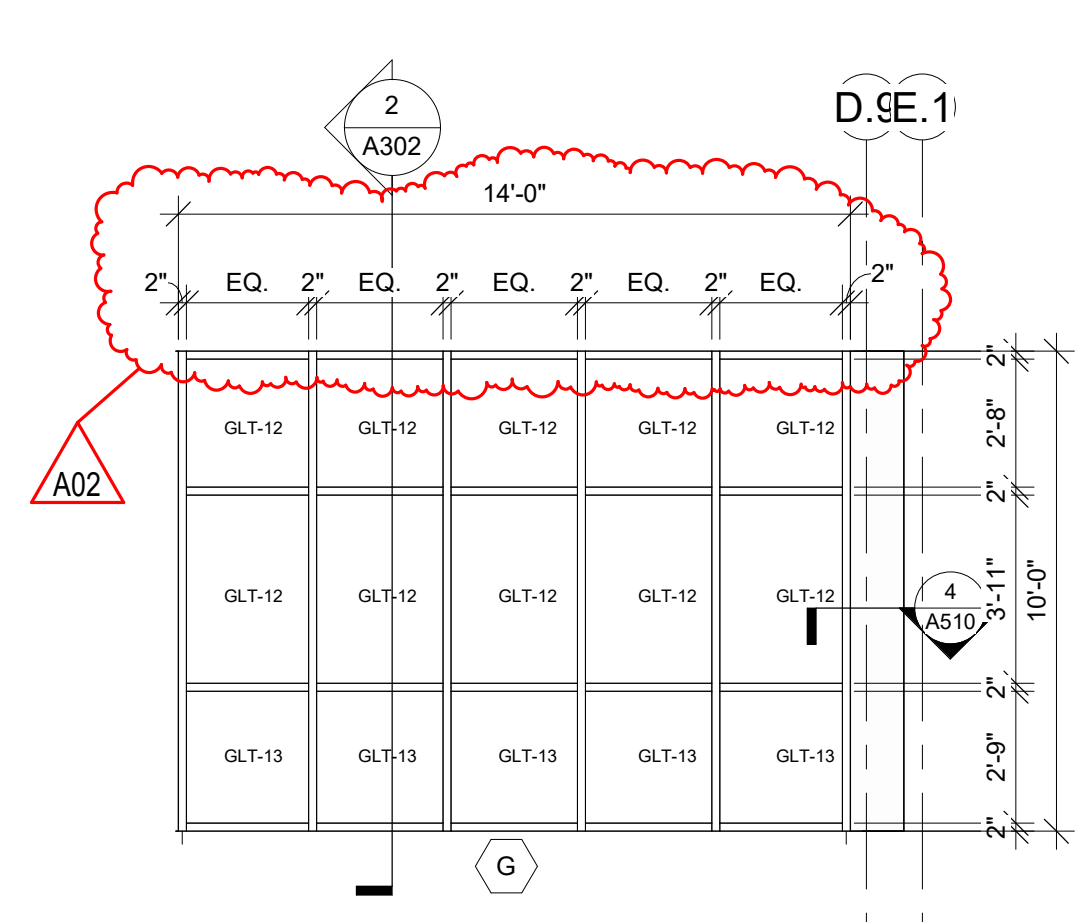
1 FRAME ELEVATION
1/4" = 1'-0"

2 FRAME ELEVATION
1/4" = 1'-0"

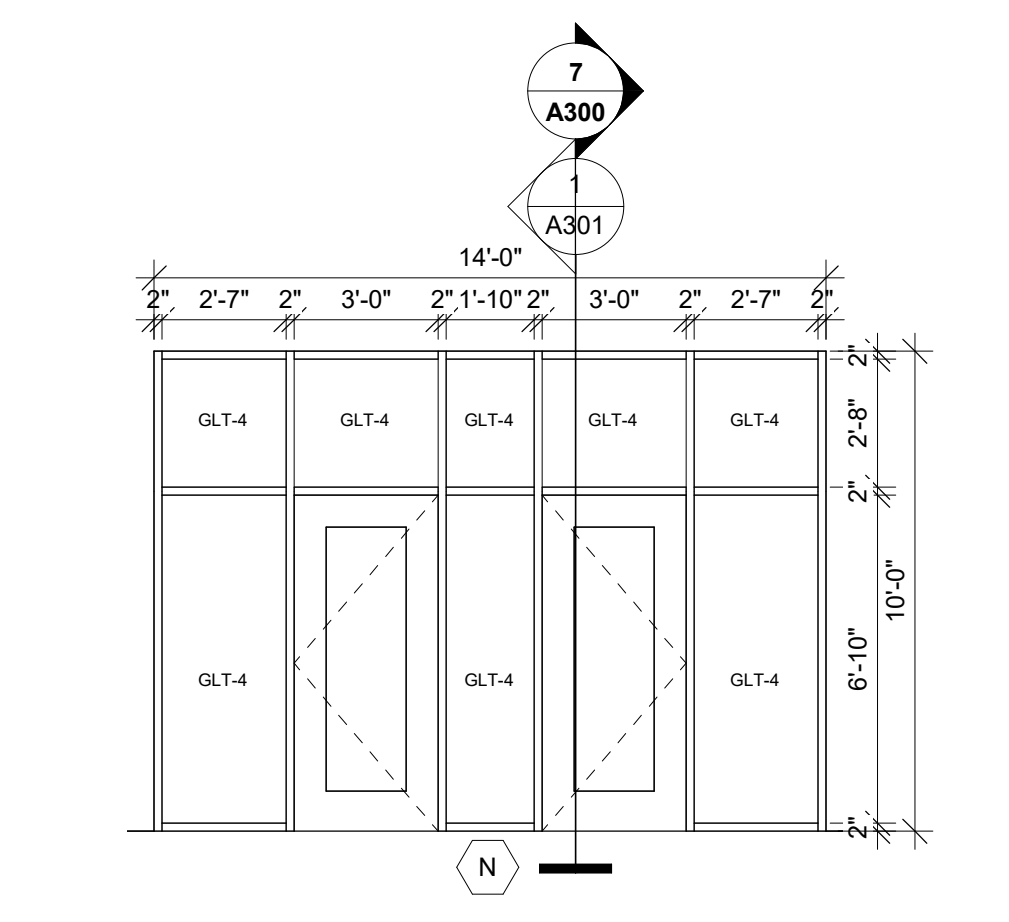
3 FRAME ELEVATION
1/4" = 1'-0"

4 FRAME ELEVATION
1/4" = 1'-0"

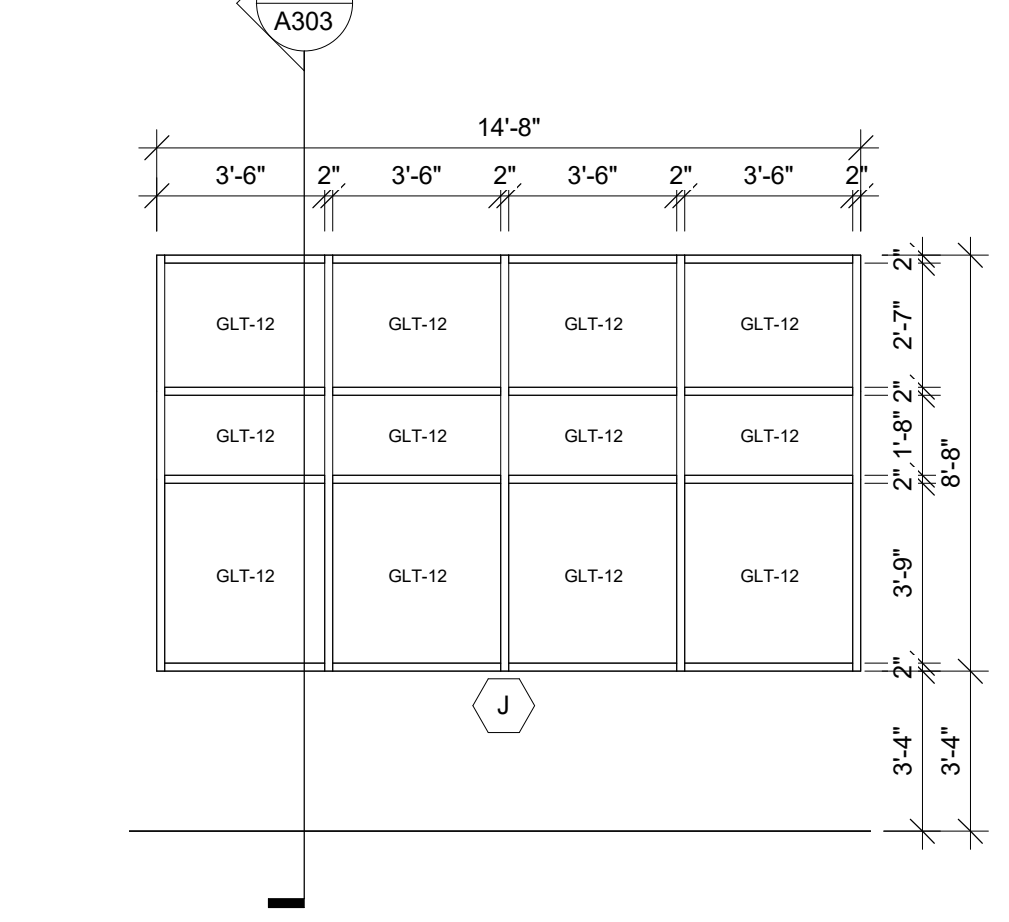
5 FRAME ELEVATION
1/4" = 1'-0"



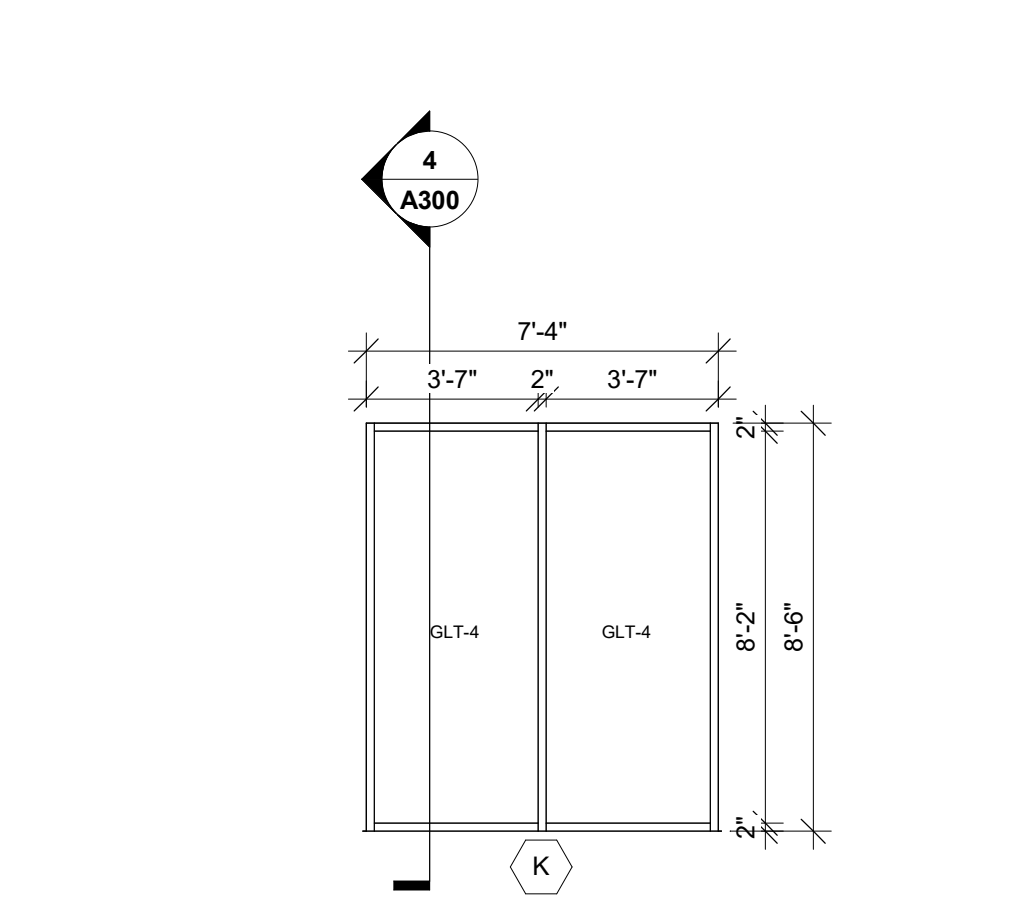
6 FRAME ELEVATION
1/4" = 1'-0"



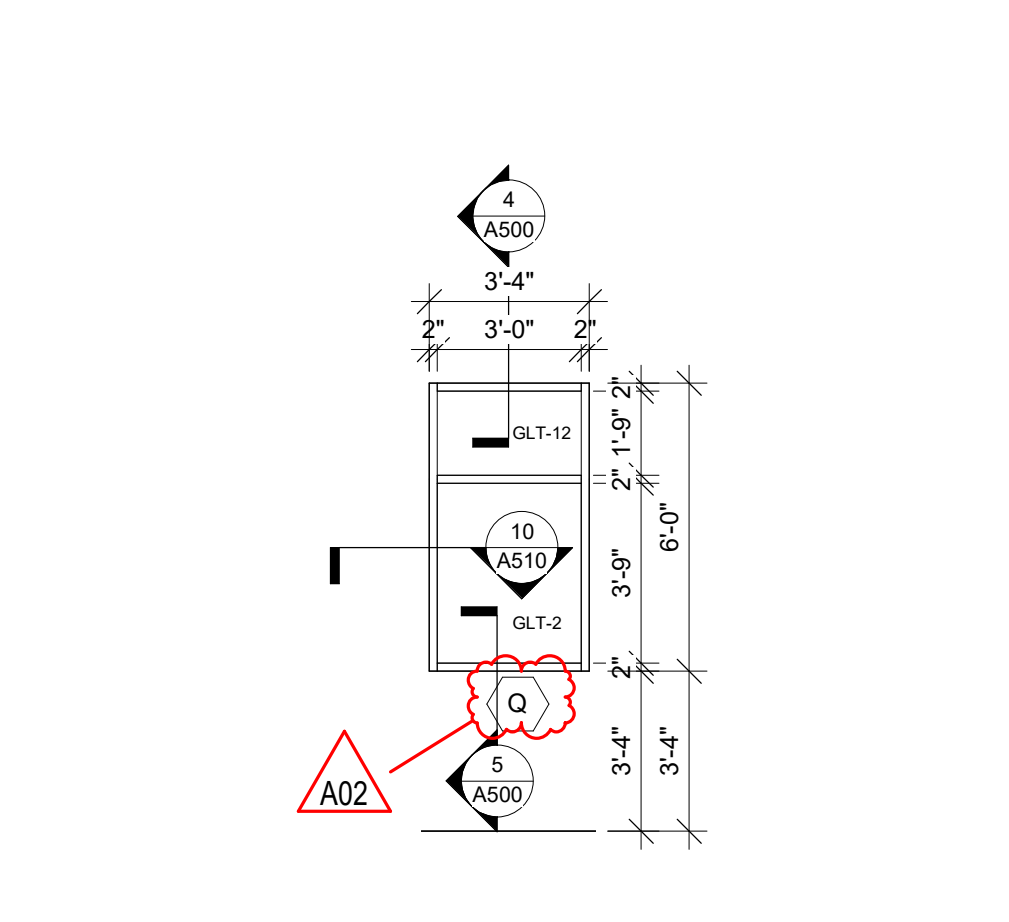
7 FRAME ELEVATION
1/4" = 1'-0"



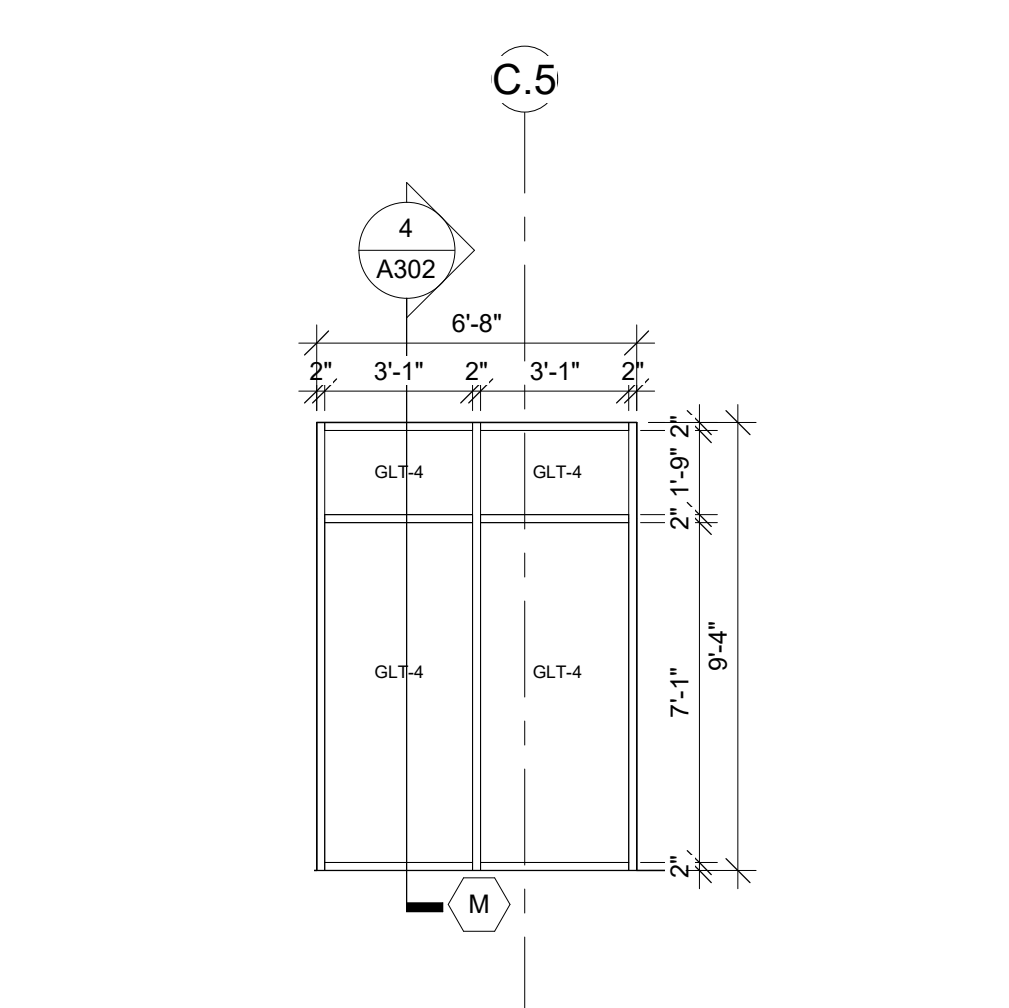
8 FRAME ELEVATION
1/4" = 1'-0"



10 FRAME ELEVATION
1/4" = 1'-0"



11 FRAME ELEVATION
1/4" = 1'-0"



12 FRAME ELEVATION
1/4" = 1'-0"

DEMOLITION GENERAL NOTES:

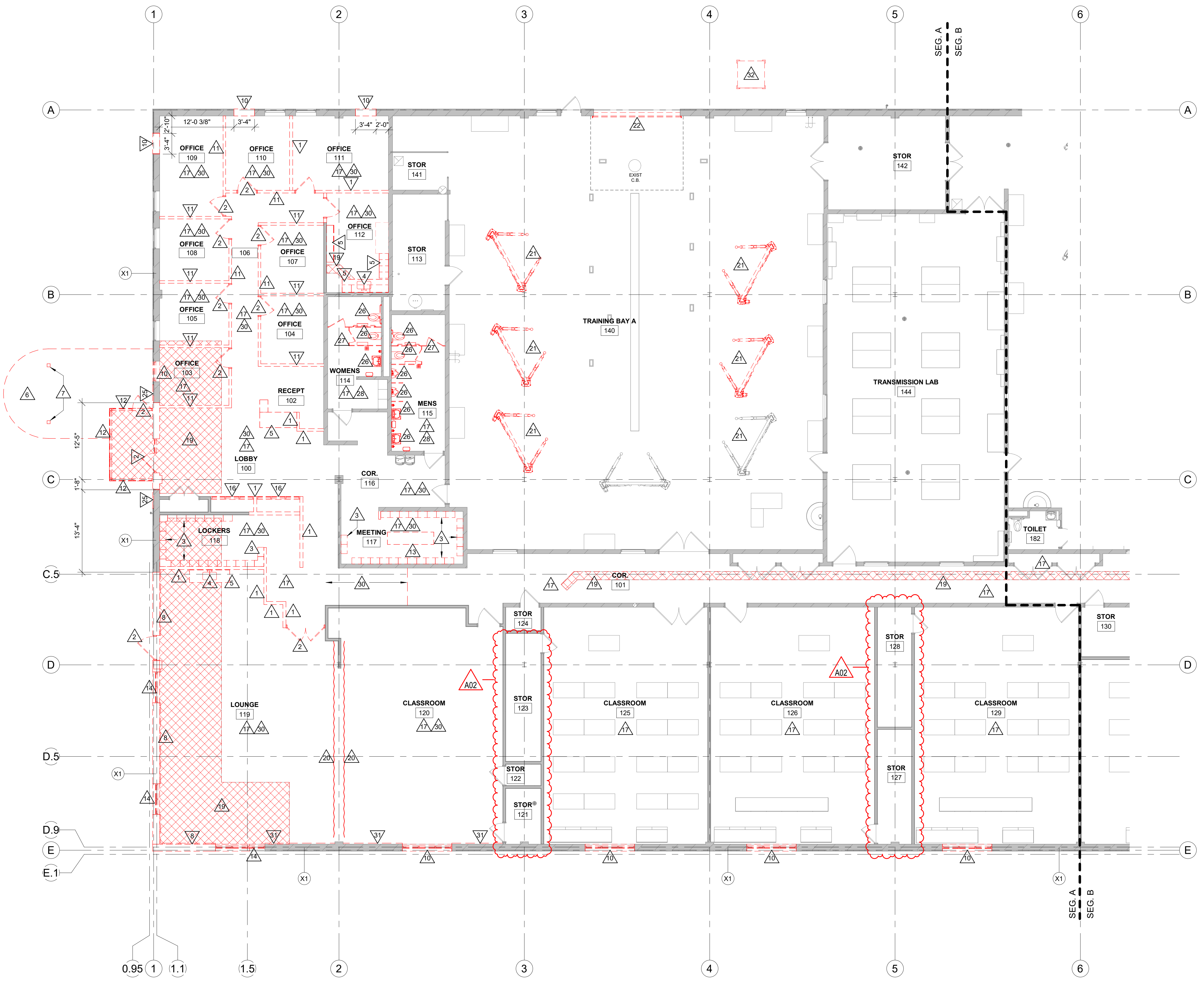
- A. ALL ITEMS SHOWN DASHED ON DEMOLITION PLANS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. REFERENCE MEP DRAWINGS FOR APPLICABLE EQUIPMENT REMOVALS AND MODIFICATIONS. COORDINATE PATCHING AT EQUIPMENT REMOVALS.
- B. AT WALL TYPES/MATERIALS, PREPARATION FOR NEW FINISHES SHALL INCLUDE, BUT NOT BE LIMITED TO REMOVAL OF EXISTING FINISHES, TAPES, GLUES/MASTIC, NAILS AND RELATED ITEMS. PATCHING OF HOLES, INDENTATIONS AND CRACKS FOR AN ACCEPTABLE SURFACE FOR NEW FINISH INSTALLATION.
- C. OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.
- D. MAINTAIN ALL EXIT DOORS AND CORRIDORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE AWAY FROM THE BUILDING.
- E. ROOM NUMBERS ARE SHOWN ON THIS PLAN FOR INFORMATIONAL AND COORDINATION PURPOSES ONLY.
- F. COORDINATE STORAGE LOCATIONS FOR SALVAGED ITEMS WITH OWNER.
- G. PROVIDE FLOOR PROTECTION AS SPECIFIED AT DEBRIS REMOVAL PATHS THROUGH BUILDING.

DEMOLITION PLAN LEGEND:

- SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET
- REMOVE ITEMS NOTED WITH DASHED LINES
- SYMBOL INDICATES REMOVAL OF DOOR AND FRAME UNLESS NOTED OTHERWISE

KEY NOTES DEMOLITION

- 1 REMOVE EXISTING STUD PARTITION AND GYP. BOARD WALL FINISH
- 2 REMOVE EXISTING DOOR & FRAME
- 3 REMOVE EXISTING LOCKERS AND CONC. BASES - SALVAGE LOCKERS TO OWNER
- 4 EXISTING PLUMBING FIXTURE AND RELATED PIPING TO BE REMOVED - SEE PLUMBING DRAWINGS
- 5 REMOVE EXISTING CASEWORK
- 6 REMOVE EXISTING CANOPY
- 7 REMOVE EXISTING COLUMNS AND FRAMING
- 8 REMOVE EXISTING CMU WALL
- 9 CREATE OPENING IN EXISTING MASONRY WALL FOR NEW DOOR/WINDOW OPENING. OVERSIZE DEMOLISHED OPENING AS REQUIRED FOR INSTALLATION OF JAMB REINFORCING AND LINTEL - SEE STRUCTURAL DRAWINGS
- 10 REMOVE EXISTING WINDOW & CREATE OPENING IN CMU WALL FOR NEW WINDOW. OVERSIZE DEMOLISHED OPENING AS REQUIRED FOR INSTALLATION OF JAMB REINFORCING - SEE STRUCTURAL DRAWINGS
- 11 REMOVE EXISTING OFFICE PARTITIONS (SALVAGE TO OWNER)
- 12 REMOVE EXISTING STOREFRONT WINDOW
- 13 REMOVE EXISTING BENCH AND PATCH FLOOR
- 14 REMOVE EXISTING WINDOW
- 15 REMOVE DOOR AND LINTEL WITH CONCRETE FOR NEW LIFE - SALVAGE CYTO DRY DOOR
- 16 REMOVE TROPHY CASE GLASS FRAME AND WALLS
- 17 REMOVE EXISTING FLOOR FINISH AND PREPARE FOR NEW FLOORING
- 18 REMOVE EXISTING SECURITY LATTICE
- 19 SAWCUT AND REMOVE EXISTING CONC. FLOOR SLAB AT HATCHED AREAS. COORDINATE W/ STRUCTURAL/PLUMBING.
- 20 REMOVE EXISTING ACCORDION DOOR
- 21 RELOCATE LIFT
- 22 REMOVE EXISTING O.H. DOOR SYSTEM
- 23 REMOVE EXISTING SECURITY DOOR
- 24 RELOCATE EXISTING FENCE TO MATCH NEW PLAN
- 25 REMOVE EXISTING EIFS
- 26 REMOVE EXISTING PLUMBING FIXTURE, PREP FOR NEW FIXTURE INSTALLATION
- 27 REMOVE EXISTING TOILET PARTITIONS AND ACCESSORIES
- 28 REMOVE WALL TILE AND PREP WALL FOR NEW FINISH
- 29 HALF HIGH CMU WALL TO REMAIN
- 30 REMOVE EXISTING ACOUSTIC TILE CEILING AND GRID
- 31 REMOVE EXISTING FURRING AND WALL FINISH
- 32 MECHANICAL EQUIPMENT TO BE REMOVED - SEE MECHANICAL
- 33 REMOVE EXISTING GYPOSOUM PATCH FLOORS



1 DEMOLITION PLAN - SEGMENT A
1/8" = 1'-0"

**WESTERN TECHNICAL COLLEGE
AUTOMOTIVE TECHNOLOGY CENTER**
 Project Title: 2721 LARSON STREET
 LA CROSSE, WI 54603
 Project Location: 2721 LARSON STREET
 LA CROSSE, WI 54603
 Sheet Title: DEMOLITION PLAN - SEGMENT A
 Sheet No.:

HSR Project Number:	24061
Project Date:	FEB 2025
Drawn By:	TBS
Key Plan:	

BID SET

No.	Description	Date
A02	ADD 02	2.27.2025

Graphic Scale: VARIES
Last Update: 2/27/2025 11:48:27 AM

A090