



August 24, 2026

Project Name: Brandon Big Room Reno. - Phase 03

Project Number: 24-040.02

Owner: City of Brandon, Mississippi

Project Location: 1000 Municipal Dr. Brandon, Ms 39042



ADDENDUM NO. 5

NOTICE TO ALL DOCUMENT HOLDERS:

The following additions, deletions, changes and clarifications to the drawings and specifications are to be included as part of the Contract Documents.

Note! The Bid Date/Time is unchanged by this Addendum.

GENERAL

ITEM NO. 1

REVISED SPECIFICATIONS

SHEET R305 SPECIFICATIONS

07.5423 (TPO) MEMBRANE ROOFING

Revise per the enclosed sheet.

ITEM NO. 2

CLARIFICATION

SHEET A105 FRONT DROP-OFF CANOPY

-PH. 03 ADD ALTERNATE 01

Canopy slope has been clarified .

Revise per the enclosed sheet.

NO MORE ITEMS

Encl: R305, A105

Cc: All document holders

- A. Assembly: Shop assemble cabinets for delivery to site in units easily handled and to permit passage through building openings.
- B. Edging: Fit shelves, doors, and exposed edges with specified edging. Do not use more than one piece for any single length.
- C. Fitting: When necessary to cut and fit on site, provide materials with ample allowance for cutting. Provide matching trim for scribing and site cutting.
- D. Plastic Laminate: Apply plastic laminate finish in full uninterrupted sheets consistent with manufactured sizes. Fit corners and joints hairline; secure with concealed fasteners. Slightly bevel arises. Locate counter butt joints minimum 2 feet from sink cut-outs. (Locate counter butt joints minimum 600 mm from sink cut-outs.)

PART 3 EXECUTION

- 1. EXAMINATION
 - A. Verify adequacy of backing and support framing.
 - B. Verify location and sizes of utility rough-in associated with work of this section.
 - 2. INSTALLATION
 - A. Set and secure custom cabinets in place, assuring that they are rigid, plumb, and level.
 - B. Use fixture attachments in concealed locations for wall mounted components.
 - C. Use concealed joint fasteners to align and secure adjoining cabinet units.
 - D. Carefully scribe casework abutting other components, with maximum gaps of 1/32 inch (0.79 mm). Do not use additional overlay trim for this purpose.
 - E. Secure cabinets to floor using appropriate angles and anchorages.
 - 3. ADJUSTING
 - A. Adjust installed work.
 - B. Adjust moving or operating parts to function smoothly and correctly.
 - 4. CLEANING
 - A. Clean casework, counters, shelves, hardware, fittings, and fixtures.
- END OF SECTION 06.4100

DIVISION 07 - THERMAL AND MOISTURE PROTECTION

SECTION 07.4213 - METAL WALL PANELS

PART 1 GENERAL

- 1. SECTION INCLUDES
 - A. Metal wall panel system.
- 2. RELATED REQUIREMENTS
 - A. Section 05.4000 - Cold-Formed Metal Framing: Wall panel substrate.
 - B. Section 06.1000 - Rough Carpentry: Wall panel substrate.
 - C. Section 07.2500 - Weather Barriers: Weather barrier under wall panels.
 - D. Section 07.2700 - Air Barriers: Air barrier under wall panels.
 - E. Section 07.9200 - Joint Sealants: Sealing joints between metal wall panel system and adjacent construction.
 - F. Section 09.2116 - Gypsum Board Assemblies: Wall panel substrate.
- 3. SUBMITTALS
 - A. See Section 01.3000 - Administrative Requirements for submittal procedures.
 - B. Product Data - Wall System: Manufacturer's data sheets on each product used, including:
 - 1. Physical characteristics of components shown on shop drawings.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation instructions and recommendations.
 - C. Samples: Submit two samples of wall panel, 12 by 12 inches (305 by 305 mm) in size illustrating finish color, sheen, and texture.
 - D. Manufacturer's instructions.
 - E. Executed warranty.
- 4. DELIVERY, STORAGE, AND HANDLING
 - A. Protect panels from accelerated weathering by removing or venting sheet plastic shipping wrap.
 - B. Store prefinished material off the ground and protect it from weather, prevent twisting, bending, or abrasion; provide ventilation; slope metal sheets to ensure proper drainage.
 - C. Prevent contact with materials that cause discoloration or staining of products.
- 5. FIELD CONDITIONS
 - A. Do not install wall panels when air temperature or relative humidity is outside manufacturer's limits.
- 6. WARRANTY
 - A. See Section 01.7800 - Closeout Submittals for additional warranty requirements.
 - B. Finish Warranty: Provide 40-year manufacturer warranty on film integrity, and 30-year manufacturer warranty against fading and chalking of exterior finish. Include provision for replacement of units with excessive fading, chalking, or flaking. Complete forms in Owner's name and register with warrantor.

PART 2 PRODUCTS

- 1. MANUFACTURERS
 - A. Metal Wall Panels - Concealed Fasteners:
 - 1. Centria, a Nucor Company; CS-260 Panel: www.centria.com
 - 2. Substitutions: See Section 01.6000 - Product Requirements.
- 2. METAL WALL PANEL SYSTEM
 - A. Wall Panel System: Factory-fabricated prefinished metal panel system; FW-12 Panel, site assembled.
 - B. Wall Panel System: Concept Series CS-260 Horizontal Concealed Fastener Panel system.
 - 1. Color: to be selected by Architect from manufacturer's full range of standard colors.
 - 2. Size components to support assembly dead loads and withstand live loads caused by positive and negative wind pressure acting normally to plane of wall.
 - 3. Design Pressure: In accordance with applicable codes.
 - 4. Maximum Allowable Deflection of Panel: L/180 for length (L) of span.
 - 5. Movement: Accommodate movement within system without damage to components or deterioration of seals, movement between system and perimeter components when subject to seasonal temperature cycling, dynamic loading and release of loads, and deflection of structural support framing.
 - 6. Drainage: Provide positive drainage to exterior for moisture entering or condensation occurring within panel system.
 - 7. Fabrication: Formed true to shape, accurate in size, square, and free from distortion or defects; pieces of longest practical lengths.
 - C. Internal and External Corners: Same material, thickness, and finish as exterior sheets; profile to suit system; shop-cut to required angles.
 - D. Expansion Joints: Same material, thickness, and finish as exterior sheets; ___ gauge, ___ inch (___ mm) thick; manufacturer's standard brake-formed type, of profile to suit system.
 - E. Trim: Same material, thickness and finish as exterior sheets; brake formed to required profiles.
 - F. Anchors: Galvanized steel.
- 3. ACCESSORIES
 - A. Exposed Sealant: Elastomeric; silicone, polyurethane, or silyl-terminated polyether/polyurethane, compatible with PVDF paint system.
 - B. Fasteners: Manufacturer's standard type to suit application; with soft neoprene washers, stainless steel.
 - 1. Metal-to-Metal Fasteners: Self-drilling, self-tapping screws, coated and corrosion-resistant.

PART 3 EXECUTION

- 1. EXAMINATION
 - A. Verify building framing members ready to receive panels.
 - B. Air Barrier:
 - 1. Verify installation over wall panel substrate; see Section 05.4000.
 - 2. INSTALLATION
 - A. Install panels on walls and soffits in accordance with manufacturer's instructions.
 - 3. CLEANING
 - A. Remove site cuttings from finish surfaces.
 - B. Remove protective material from wall panel surfaces.
 - C. Clean and wash prefinished surfaces with mild soap and water; rinse with clean water.
 - 4. PROTECTION
 - A. Protect metal wall panels until completion of project.
 - B. Touch up, repair, or replace damaged wall panels or accessories before Date of Substantial Completion.
- END OF SECTION 07.4213

SECTION 07.5423 - THERMOPLASTIC POLYOLEFIN (TPO) MEMBRANE ROOFING - CARLISLE

PART 1 GENERAL

- 1. SECTION INCLUDES
 - A. Adhered system with thermoplastic polyolefin (TPO) roofing membrane.
 - B. Insulation, tapered.

- C. Deck sheathing.
- 2. RELATED REQUIREMENTS
 - A. Section 07.6200 - Sheet Metal Flashing and Trim: Counterflashings, reglets.
- 3. REFERENCE STANDARDS
 - A. ASCE 7 - Minimum Design Loads for Buildings and Other Structures; 2010, with 2013 Supplements and Errata.
 - B. ASTM C1177/C1177M - Standard Specification for Glass Mat Gypsum Substrate for Use as Sheathing; 2013.
 - C. ASTM C1289 - Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board; 2014.
 - D. ASTM D638 - Standard Test Method for Tensile Properties of Plastics; 2014.
 - E. ASTM D6878/D6878M - Standard Specification for Thermoplastic Polyolefin Based Sheet Roofing; 2013.
 - F. ASTM E96/E96M - Standard Test Methods for Water Vapor Transmission of Materials; 2014.
 - G. FM DS 1-28 - Wind Design; 2007.
 - H. FM DS 1-29 - Roof Deck Securement and Above-Deck Roof Components: Factory Mutual System; 2006.
 - I. NRCA (RM) - The NRCA Roofing Manual; 2017.
 - J. UL (FRD) - Fire Resistance Directory; current edition.
 - K. UL 790 - Standard for Standard Test Methods for Fire Tests of Roof Coverings; Current Edition, Including All Revisions.
- 4. ADMINISTRATIVE REQUIREMENTS
 - A. Preinstallation Meeting: Convene one week before starting work of this section.
 - 1. Review preparation and installation procedures and coordinating and scheduling required with related work.
- 5. SUBMITTALS
 - A. See Section 01.3000 - Administrative Requirements for submittal procedures.
 - B. Product Data: Provide manufacturer's written information listed below.
 - 1. Product data indicating membrane materials, flashing materials, insulation, vapor retarder, surfacing, and fasteners.
 - 2. Preparation instructions and recommendations.
 - 3. Storage and handling requirements.
 - C. Shop Drawings: Indicate joint or termination detail conditions, conditions of interface with other materials, and paver layout.
 - D. Manufacturer's Certificate: Certify that products meet or exceed specified requirements.
 - E. Manufacturer's Installation Instructions: Indicate membrane seaming precautions and perimeter conditions requiring special attention.
 - F. Specimen Warranty: For approval.
 - G. Warranty:
 - 1. Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.
 - 2. Submit installer's certification that installation complies with all warranty conditions for the waterproof membrane.
 - H. Manufacturer's Qualification Statement.
 - I. Installer's Qualification Statement.
- 6. QUALITY ASSURANCE
 - A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum twenty (20) years of documented experience.
 - B. Installer Qualifications: Company specializing in performing the work of this section:
 - 1. With minimum five (5) years documented experience.
 - 2. Approved by membrane manufacturer.
- 7. DELIVERY, STORAGE, AND HANDLING
 - A. Deliver products in manufacturer's original containers, dry, undamaged, with seals and labels intact.
 - B. Protect products in weather protected environment, clear of ground and moisture.
 - C. Protect foam insulation from direct exposure to sunlight.
 - D. Provide Safety Data Sheets (SDS) at the project site at all times during transportation, storage, and installation of materials.
 - E. Comply with requirements from Owner to prevent overloading or disturbance of the structure when loading materials onto the roof.
- 8. FIELD CONDITIONS
 - A. Do not apply roofing membrane during unsuitable weather. Refer to manufacturer's written instructions.
 - B. Do not apply roofing membrane when ambient temperature is below 40 degrees F (5 degrees C) or above ___ degrees F (___ degrees C).
 - C. Do not apply roofing membrane to damp or frozen deck surface or when precipitation is expected or occurring.
 - D. Do not expose materials vulnerable to water or sun damage in quantities greater than can be weatherproofed the same day.
 - E. Proceed with work so new roofing materials are not subject to construction traffic as work progresses.
 - F. Do not allow grease, oil, fats, or other contaminants to come into direct contact with membrane.
- 9. WARRANTY
 - A. See Section 01.7800 - Closeout Submittals for additional warranty requirements.
 - B. System Warranty: Provide manufacturer's system warranty agreeing to repair or replace roofing that leaks or is damaged due to wind or other natural causes.
 - 1. Warranty Term: 20 years.
 - 2. For repair and replacement include costs of both material and labor in warranty.
 - 3. Include accidental punctures according to the manufacturer's standard warranty terms.
 - 4. Include hail damage according to the manufacturer's standard warranty terms.

PART 2 PRODUCTS

- 1. MANUFACTURER
 - A. Basis of Design: Carlisle SynTec Systems: www.carlisle-syntec.com/#sle.
- 2. ROOFING APPLICATIONS
 - A. TPO Membrane Roofing: One ply membrane, fully adhered, over insulation.
 - B. Roofing Assembly Performance Requirements and Design Criteria:
 - 1. Wind Uplift:
 - a. Designed to withstand wind uplift forces calculated with ASCE 7.
 - b. Design Wind Speed: In accordance with local building code and authorities having jurisdiction (AHJ).
- 3. ROOFING MEMBRANE AND ASSOCIATED MATERIALS
 - A. Single Source Responsibility: Provide and install products from single source.
 - B. Membrane:
 - 1. Material: Thermoplastic Polyolefin (TPO) complying with ASTM D6878/D6878M.
 - 2. Reinforcing: Internal fabric.
 - 3. Thickness: 60 mil (0.060 inch) (1.5 mm), minimum.
 - 4. Sheet Width: Factory fabricated into largest sheets possible.
 - 5. Color: White.
 - 6. Products:
 - a. Basis of Design: Carlisle SynTec Systems; Sure-Weld.
 - C. Seaming Materials: As recommended by membrane manufacturer.
 - D. Membrane Fasteners: As recommended and approved by membrane manufacturer.
 - E. Flexible Flashing Material: Same material as membrane.
 - F. Base Flashing: Provide waterproof, fully adhered base flashing system at all penetrations, plane transitions, and terminations.
- 4. DECK SHEATHING AND COVER BOARDS
 - A. Cover Board: Polyisocyanurate (ISO) thermal board, complying with ASTM C1289; Type II - Faced with dark coated-glass facer on one side and light coated-glass facer on other surface of core foam. Class 4 with thickness of 1/2 inch (12.7 mm), and Grade 1 with 109 psi (751 kPa), maximum, compressive strength.
- 5. INSULATION
 - A. Polyisocyanurate (ISO) Board Insulation: Complies with ASTM C1289, Type II, Class 1 - Faced with glass-reinforced felt on both surfaces of core foam.
 - 1. Tapered Board: Slope as indicated; minimum thickness 1/2 inch (13 mm); fabricate of fewest layers possible.
 - 2. Grade and Compressive Strength: Grade 2, 20 psi (Grade 2, 138 kPa), minimum.
 - 3. Board Thickness: 4 inches (102 mm).
 - 4. Product: Carlisle InsuBase.
- 6. ACCESSORIES
 - A. Prefabricated Flashing Accessories:
 - 1. Corners and Seams: Same material as membrane, in manufacturer's standard thicknesses.
 - 2. Penetrations: Same material as membrane, with manufacturer's standard cut-outs, rigid inserts, clamping rings, and flanges.
 - 3. Sealant Pockets: Same material as membrane, with manufacturer's standard accessories, in manufacturer's standard configuration.
 - 4. Pressure Sensitive Cover Strips: 6 inches (152 mm) wide, 45 mil, 0.045 inch (1.1 mm) thick, non-reinforced TPO membrane laminated to 35 mil, 0.035 inch (0.9 mm) thick cured synthetic rubber with pressure sensitive adhesive.
 - 5. Miscellaneous Flashing: Non-reinforced TPO membrane; 80 mil, 0.080 inch (2.0 mm) thick, in manufacturer's standard lengths and widths.
 - B. Insulation Fasteners: Appropriate for purpose intended and approved by roofing manufacturer.
 - C. Membrane Adhesive: As recommended by membrane manufacturer.
 - D. Surface Conditioner for Adhesives: Compatible with membrane and adhesives.
 - E. Sealants: As recommended by membrane manufacturer.
 - F. Cleaner: Manufacturer's standard, clear, solvent-based cleaner.
 - 1. Product: Carlisle Weathered Membrane Cleaner.
 - G. Edgings and Terminations: Manufacturer's standard edge and termination accessories.

PART 3 EXECUTION

1. EXAMINATION

- A. Verify that surfaces and site conditions are ready to receive work.
 - B. Verify deck is supported and secure.
 - C. Verify deck is clean and smooth, flat, free of depressions, waves, or projections, properly sloped and suitable for installation of roof system.
 - D. Verify deck surfaces are dry and free of snow or ice.
 - E. Verify that roof openings, curbs, and penetrations through roof are solidly set, and cant strips are in place.
- PREPARATION - GENERAL
- A. Clean substrate thoroughly prior to roof application.
 - B. Do not begin work until other work that requires foot or equipment traffic on roof is complete.
- INSTALLATION - GENERAL
- A. Perform work in accordance with manufacturer's instructions and NRCA (RM) applicable requirements.
 - B. Do not apply roofing membrane during unsuitable weather.
 - C. Do not apply roofing membrane when ambient temperature is outside the temperature range recommended by manufacturer.
 - D. Do not apply roofing membrane to damp or frozen deck surface or when precipitation is expected or occurring.
 - E. Do not expose materials vulnerable to water or sun damage in quantities greater than can be weatherproofed the same day.
- INSULATION APPLICATION
- A. Attachment of Insulation:
 - 1. Mechanically fasten first layer of insulation to deck in accordance with roofing manufacturer's instructions and Factory Mutual requirements.
 - 2. Embed second layer of insulation into full bed of adhesive in accordance with roofing and insulation manufacturers' instructions.
 - B. Lay subsequent layers of insulation with joints staggered minimum 6 inch (152 mm) from joints of preceding layer.
 - C. Lay boards with edges in moderate contact without forcing, and gap between boards no greater than 1/4 inch (6.3 mm). Cut insulation to fit neatly to perimeter blocking and around penetrations through roof.
 - D. Do not apply more insulation than can be completely waterproofed in the same day.
 - E. minimum insulation installation shall achieve a minimum of R25.
- MEMBRANE APPLICATION
- A. Roll out membrane, free from wrinkles or tears. Place sheet into place without stretching.
 - B. Shingle joints on sloped substrate in direction of drainage.
 - C. Fully Adhered Application: Apply adhesive at manufacturer's recommended rate. Fully embed membrane in adhesive except in areas directly over or within 3 inches (75 mm) of expansion joints. Fully adhere one roll before proceeding to adjacent rolls.
 - D. Seam Welding:
 - 1. Seam Welding: Overlap edges and ends and seal seams by heat welding, minimum 2 inches (51 mm).
 - 2. Cover seams with manufacturer's recommended joint covers.
 - 3. Probe seams once welds have thoroughly cooled, in approximately 30 minutes.
 - 4. Repair deficient seams within the same day.
 - 5. Seal cut edges of reinforced membrane after seam probe is complete.
 - E. At intersections with vertical surfaces:
 - 1. Extend membrane over cant strips and up a minimum of 4 inches (100 mm) onto vertical surfaces.
 - 2. Fully adhere flexible flashing over membrane and up to nailing strips.
 - F. Coordinate installation of roof drains and sumps and related flashings. Locate all field splices away from low areas and roof drains. Lap upslope sheet over downslope sheet.
 - G. Daily Seal: Install daily seal per manufacturers instructions at the end of each work day. Prevent infiltration of water at incomplete flashings, terminations, and at unfinished membrane edges.
- FIELD QUALITY CONTROL
- A. See Section 01.4000 - Quality Requirements for general requirements for field quality control and inspection.
- CLEANING
- A. See Section 01.7000 - Execution and Closeout Requirements for additional requirements.
 - B. Remove wrappings, empty containers, paper, and other debris from the roof daily. Dispose of debris in compliance with local, State, and Federal regulations.
 - C. In areas where finished surfaces are soiled by work of this section, consult manufacturer of surfaces for cleaning advice and conform to their documented instructions.
 - D. Repair or replace defaced or damaged finishes caused by work of this section.
- PROTECTION
- A. Protect installed roofing and flashings from construction operations.
 - B. Where traffic must continue over finished roof membrane, protect surfaces using durable materials.
- END OF SECTION 07.5423

SECTION 07.6200 - SHEET METAL FLASHING AND TRIM

PART 1 GENERAL

- 1. SECTION INCLUDES
 - A. Fabricated sheet metal items, including sill flashings, base flashings and counterflashings.
 - B. Coatings and Sealants as required sheet metal fabrications.
 - C. Reglets, termination bars and accessories.
 - D. Miscellaneous sheet metal accessories.
- 2. RELATED REQUIREMENTS
 - A. Section 07.4213 Metal Wall Panels
 - B. Section 07.9200 - Joint Sealants: Sealing non-lap joints between sheet metal fabrications and adjacent construction.
- 3. REFERENCE STANDARDS
 - A. AAMA 2605 - Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels; 2013.
 - B. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2015.
 - C. ASTM A666/A666M - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar; 2024.
 - D. CDA A4050 - Copper in Architecture - Handbook; current edition.
 - E. SMACNA (ASMM) - Architectural Sheet Metal Manual; 2012.
- 4. SUBMITTALS
 - A. See Section 01.3000 - Administrative Requirements, for submittal procedures.
 - B. Shop Drawings: Indicate material profile, jointing pattern, jointing details, fastening methods, flashings, terminations, and installation details.
- 5. QUALITY ASSURANCE
 - A. Perform work in accordance with SMACNA (ASMM) and CDA A4050 requirements and standard details, except as otherwise indicated.
 - B. Fabricator and Installer Qualifications: Company specializing in sheet metal work with 5 years of documented experience.
- 6. DELIVERY, STORAGE, AND HANDLING
 - A. Slack material to prevent twisting, bending, and abrasion, and to provide ventilation. Slope metal sheets to ensure drainage.
 - B. Store materials in a dry, protective, well-ventated area. The contractor shall report damaged material immediately to the delivering carrier and note such damage on the carrier's freight bill.
 - C. Prevent contact with materials that could cause discoloration or staining.
 - D. Remove protective plastic surface film immediately after installation (if applicable).

PART 2 PRODUCTS

- 1. SHEET MATERIALS
 - A. Pre-Finished Galvanized Steel: ASTM A653/A653M, with G90/Z275 zinc coating; minimum 22 gauge ___ inch (___ mm) 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: As selected by Architect from manufacturer's standard colors.
 - B. Stainless Steel: ASTM A666/A666M, Type 304, soft temper, 24 gauge ___ inch (___ mm) thick; smooth No. 4 finish.
- 2. ACCESSORIES
 - A. Sealant Tape: Pressure sensitive, 100 percent solids, gray polyisobutylene compound sealant tape with release-paper backing. Provide permanently elastic, non sag, non toxic, non staining tape 1/2 inch wide and 1/8 inch thick.
 - B. Sealant to be Concealed in Completed Work: Non-curing butyl sealant. ASTM C1311
- 3. FABRICATION
 - A. General: Custom fabricate sheet metal flashing and trim to comply with recommendations in SMACNA's Architectural Sheet Metal Manual that apply to design, dimensions, geometry, metal thickness and other characteristics of item indicated.
 - 1. Obtain field measurements to accurate fit before shop fabrication.
 - 2. Form sheet metal flashing ant trim without excessive oil canning, buckling, and tool marks. Form true to level and line and levels indicated, with exposed edges folded back to form hems.
 - 3. Conceal fasteners and expansion provisions where possible. Exposed fasteners are not allowed on faces exposed to view.
 - B. Form sections true to shape, accurate in size, square, and free from distortion or defects.
 - C. Form pieces in longest possible lengths.
 - D. Hem exposed edges on underside 1/2 inch (13 mm); miter and seam corners.
 - E. Form material with flat lock seams, except where otherwise indicated; at moving joints, use sealed lapped, bayonet-type or interlocking hooked seams.
 - F. Fabricate corners from one piece with minimum 18 inch (450 mm) long legs; seam for rigidity, seal with sealant.

- G. Expansion Provisions: Wher lapped expansion provisions cannot be used, form expansion joints of intermeshing hooked flanges, not less than 1 inch deep, filled with butyl sealant concealed within joints.
 - H. Fabricate Cleats and attachment devices from same material as accessory being anchored or from compatible, non corrosive material.
4. SHEET METAL FABRICATIONS
- A. Base Flashing: Pre finished galvanized steel: 20 gauge thick
 - B. Counterflashing and Flashing Receivers: Prefinished galvanized steel: 22 gauge thick
 - C. Sill flashings: Stainless Steel: 24 gauge thick
 - D. Miscellaneous Flashing: Stainless Steel: 24 gauge thick

PART 3 EXECUTION

- 1. EXAMINATION
 - A. Verify roof openings, curbs, pipes, sleeves, ducts, and vents through roof are solidly set, reglets in place, and nailing strips located.
 - B. Verify roofing termination and base flashings are in place, sealed, and secure.
 - 2. PREPARATION
 - A. Install starter and edge strips, and cleats before starting installation.
 - B. Back paint concealed metal surfaces with protective backing paint to a minimum dry film thickness of 15 mil (0.4 mm).
 - 3. INSTALLATION
 - A. Secure flashings in place using concealed fasteners, and use exposed fasteners only where permitted..
 - B. Apply plastic cement compound between metal flashings and felt flashings
 - C. Fit flashings tight in place; make corners square, surfaces true and straight in planes, and lines accurate to profiles.
 - D. Seal metal joints watertight.
 - E. Secure gutters and downspouts in place with concealed fasteners.
 - F. Slope gutters 1/4 inch per 10 feet (2.1 mm per m), minimum.
 - G. Connect downspouts to downspout boots, and grout connection watertight.
 - 4. FIELD QUALITY CONTROL
 - A. See Section 01.4000 - Quality Requirements, for field inspection requirements.
 - B. Inspection will involve surveillance of work during installation to ascertain compliance with specified requirements.
- END OF SECTION 07.6200

DIVISION 08 - OPENINGS

SECTION 08.1113 - HOLLOW METAL DOORS AND FRAMES

PART 1 GENERAL

- 1. SECTION INCLUDES
 - A. Non-fire-rated hollow metal doors and frames.
 - B. Hollow metal frames for wood doors.
 - C. Fire-rated hollow metal doors and frames.
 - D. Thermally insulated hollow metal doors with frames.
 - E. Accessories, including glazing, louvers, and matching panels.
 - 2. RELATED REQUIREMENTS
 - A. Section 08.7100 - Door Hardware.
 - B. Section 09.9113 - Exterior Painting: Field painting.
 - C. Section 09.9123 - Interior Painting: Field painting.
 - 3. REFERENCE STANDARDS
 - A. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design; 2010.
 - B. ANSI/SDI A250.4 - Test Procedure and Acceptance Criteria for Physical Endurance for Steel Doors, Frames and Frame Anchors; 2011.
 - C. ANSI/SDI A250.8 - Specifications for Standard Steel Doors and Frames (SDI-100); 2014.
 - D. ANSI/SDI A250.10 - Test Procedure and Acceptance Criteria for Prime Painted Steel Surfaces for Steel Doors and Frames; 2011.
 - E. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2015.
 - F. ASTM A1008/A1008M - Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Solution Hardened, and Bake Hardenable; 2015.
 - G. ASTM A1011/A1011M - Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength; 2014.
 - H. BHMA A156.115 - American National Standard for Hardware Preparation in Steel Doors and Steel Frames; 2014.
 - I. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2009.
 - J. ITS (DIR) - Directory of Listed Products; current edition.
 - K. NAAMM HMMA 830 - Hardware Selection for Hollow Metal Doors and Frames; 2002.
 - L. NAAMM HMMA 831 - Hardware Locations for Hollow Metal Doors and Frames; 2011.
 - M. NAAMM HMMA 861 - Guide Specifications for Commercial Hollow Metal Doors and Frames; 2006.
 - N. NFPA 80 - Standard for Fire Doors and Other Opening Protectives; 2016.
 - O. NFPA 252 - Standard Methods of Fire Tests of Door Assemblies; 2012.
 - P. SDI 117 - Manufacturing Tolerances for Standard Steel Doors and Frames; 2013.
 - Q. UL (DIR) - Online Certifications Directory; current listings at database.ul.com.
 - R. UL 10C - Standard for Positive Pressure Fire Tests of Door Assemblies; Current Edition, Including All Revisions.
 - 4. SUBMITTALS
 - A. See Section 01.3000 - Administrative Requirements, for submittal procedures.
 - B. Product Data: Materials and details of design and construction, hardware locations, reinforcement type and locations, anchorage and fastening methods, and finishes.
 - C. Shop Drawings: Details of each opening, showing elevations, glazing, frame profiles, and any indicated finish requirements.
 - D. Installation Instructions: Manufacturer's published instructions, including any special installation instructions relating to this project.
 - 5. QUALITY ASSURANCE
 - A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than three years documented experience.
 - 1. Provide hollow metal frames from SDI Certified manufacturer.
 - B. Templates: The metal door and frame manufacturer shall obtain templates of all applicable hardware from the finish hardware supplier under the coordination of the Contractor and shall make all associated and proper provisions for the installation of hardware.
 - C. Maintain at project site copies of reference standards relating to installation of products specified.
- PART 2 PRODUCTS
- 1. MANUFACTURERS
 - A. Hollow Metal Doors and Frames:
 - 1. Ceco Door, an Assa Abloy Group company; _____. www.assaabloydss.com/#sle.
 - 2. Curries, an Assa Abloy Group company: www.assaabloydss.com.
 - 3. Steelcraft, an Allegion brand: www.allegion.com/#sle.
 - 4. Substitutions: See Section 01.6000 - Product Requirements.
2. PERFORMANCE REQUIREMENTS
- A. Requirements for Hollow Metal Doors and Frames:
 - 1. Steel Sheet: Comply with one or more of the following requirements; galvannealed steel complying with ASTM A653/A653M, cold-rolled steel complying with ASTM A1008/A1008M, or hot-rolled pickled and oiled (HRPO) steel complying with ASTM A1011/A1011M, commercial steel (CS) Type B, for each.
 - 2. Accessibility: Comply with ICC A117.1 and ADA Standards.
 - 3. Exterior Door Top Closures: Flush end closure channel, with top and door faces aligned.
 - 4. Door Edge Profile: Manufacturers standard for application indicated.
 - 5. Typical Door Face Sheets: Flush.
 - 6. Glazed Lights: Non-removable stops on non-secure side; sizes and configurations as indicated on drawings. Style: Manufacturers standard.
 - 7. Hardware Preparations, Selections and Locations: Comply with NAAMM HMMA 830 and NAAMM HMMA 831 or BHMA A156.115 and ANSI/SDI A250.8 (SDI-100) in accordance with specified requirements.
 - 8. Zinc Coating for Typical Interior and/or Exterior Locations: Provide metal components zinc-coated (galvanized) and/or zinc-iron alloy-coated (galvannealed) by the hot-dip process in accordance with ASTM A653/A653M, with manufacturer's standard coating thickness, unless noted otherwise for specific hollow metal doors and frames.
 - a. Based on SDI Standards: Provide at least A40/ZF120 (galvannealed) when necessary, coating not required for typical interior door applications, and at least A60/ZF180 (galvannealed) for corrosive locations.
 - B. Hollow Metal Panels: Same construction, performance, and finish as doors.
 - C. Combined Requirements: If a particular door and frame unit is indicated to comply with more than one type of requirement, comply with the specified requirements for each type; for instance, an exterior door that is also indicated as being sound-rated must comply with the requirements specified for exterior doors and for sound-rated doors; where two requirements conflict, comply with the most stringent.
3. HOLLOW METAL DOORS
 - A. Door Finish: Factory primed and field finished.
 - B. Exterior Doors: Thermally insulated.



BRANDON
BIG ROOM
RENOVATION
- PHASE 03
CITY OF BRANDON
1000 Municipal Dr.
Brandon, MS 39042

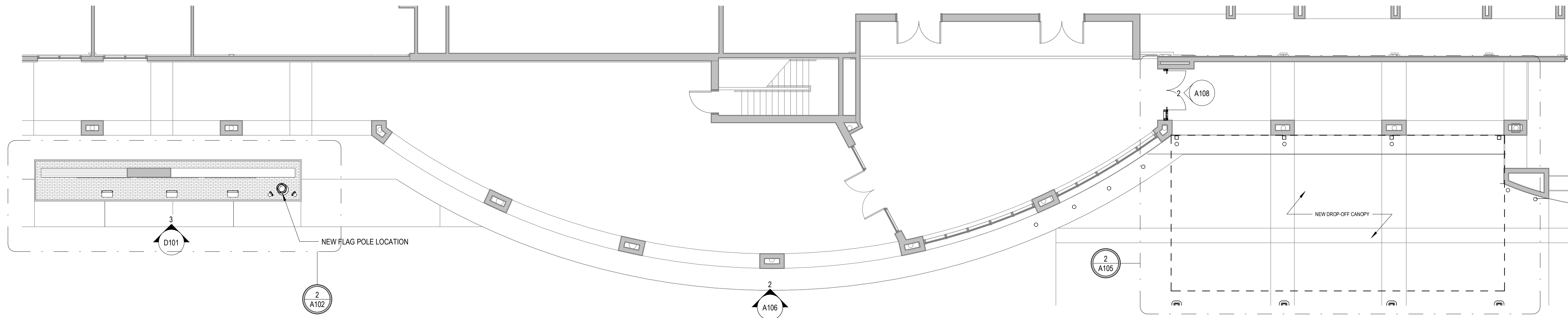


7/17/2026

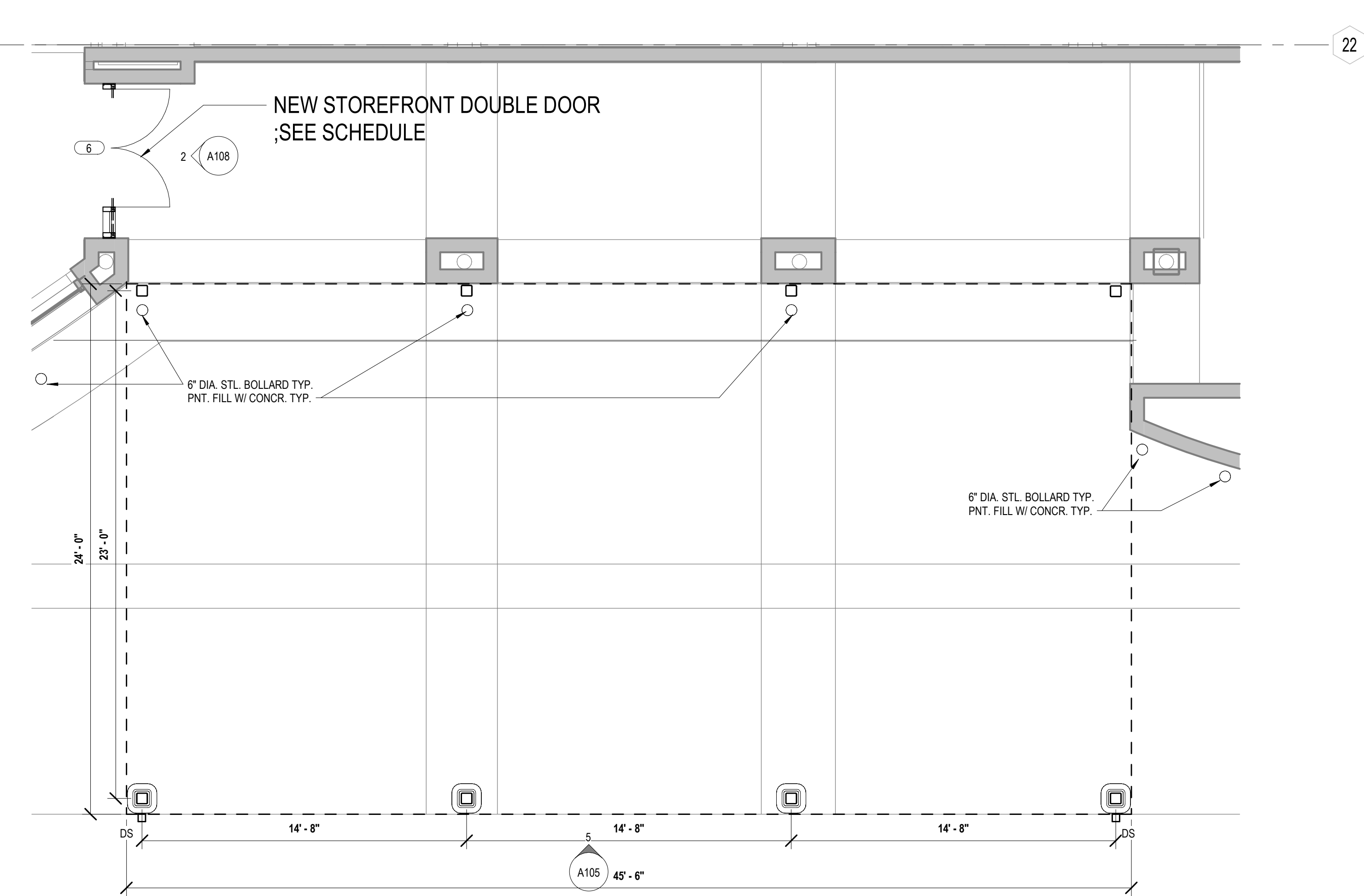
100%
CONSTRUCTION
DOCUMENTS
WBA # 24-04.2

REVISIONS		
NO.	DESCRIPTION	DATE
1	Revision 01	8.12.26
2	Revision 02	8.24.26

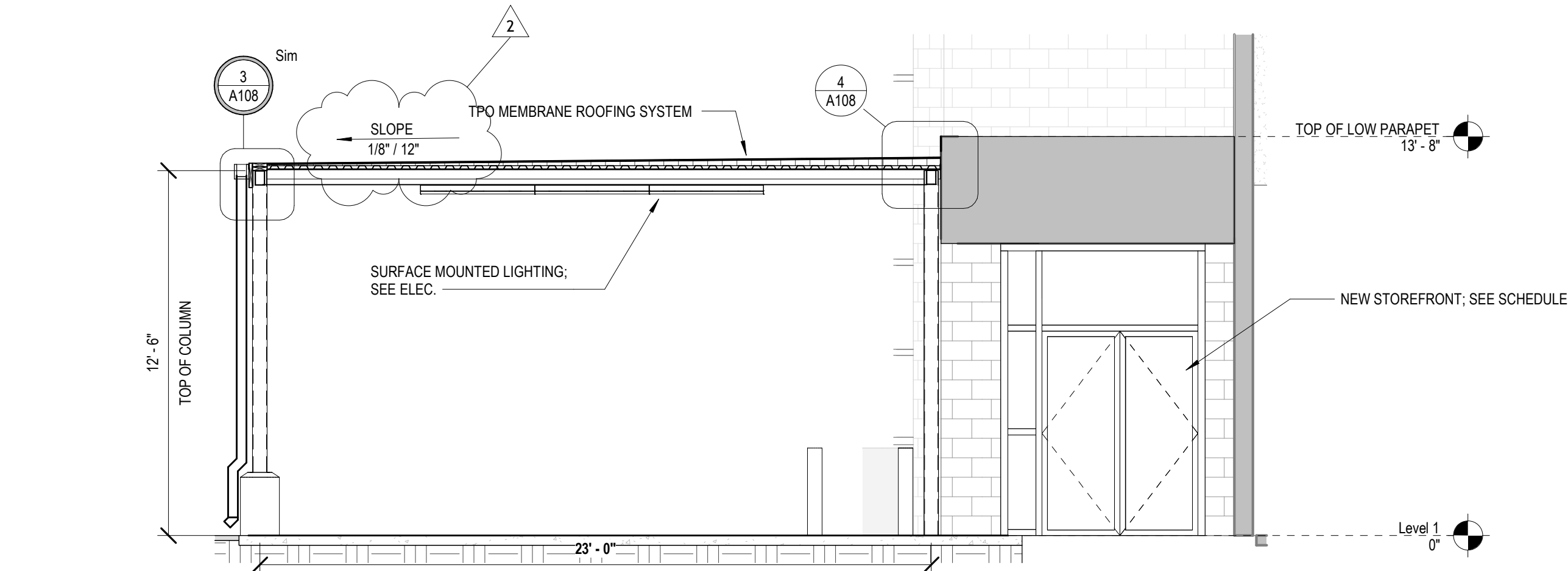
R305
SPECIFICATIONS -
PHASE 03



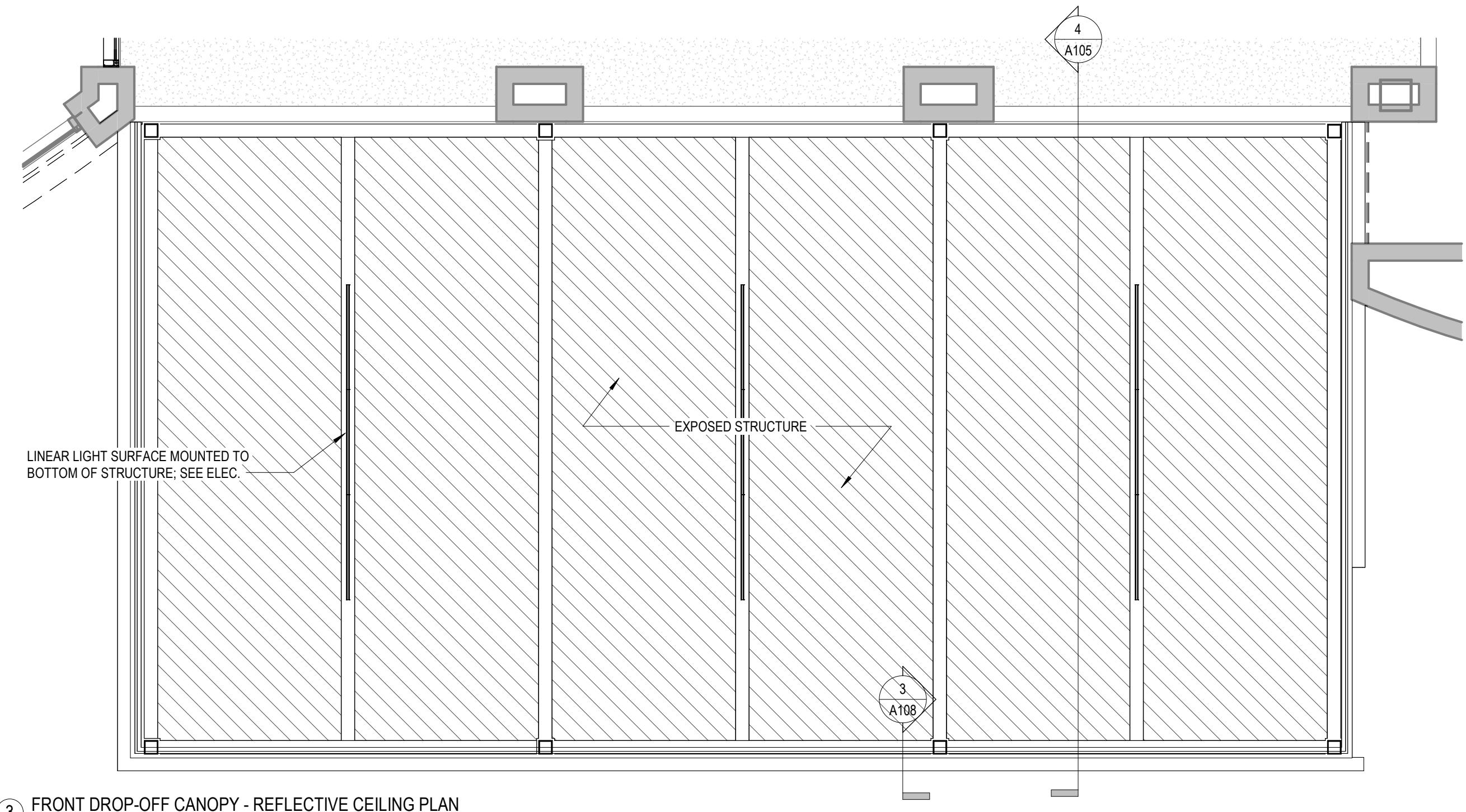
1 PHASE 03 - ADD ALTERNATE 01 OVERALL PLAN
1/8" = 1'-0"



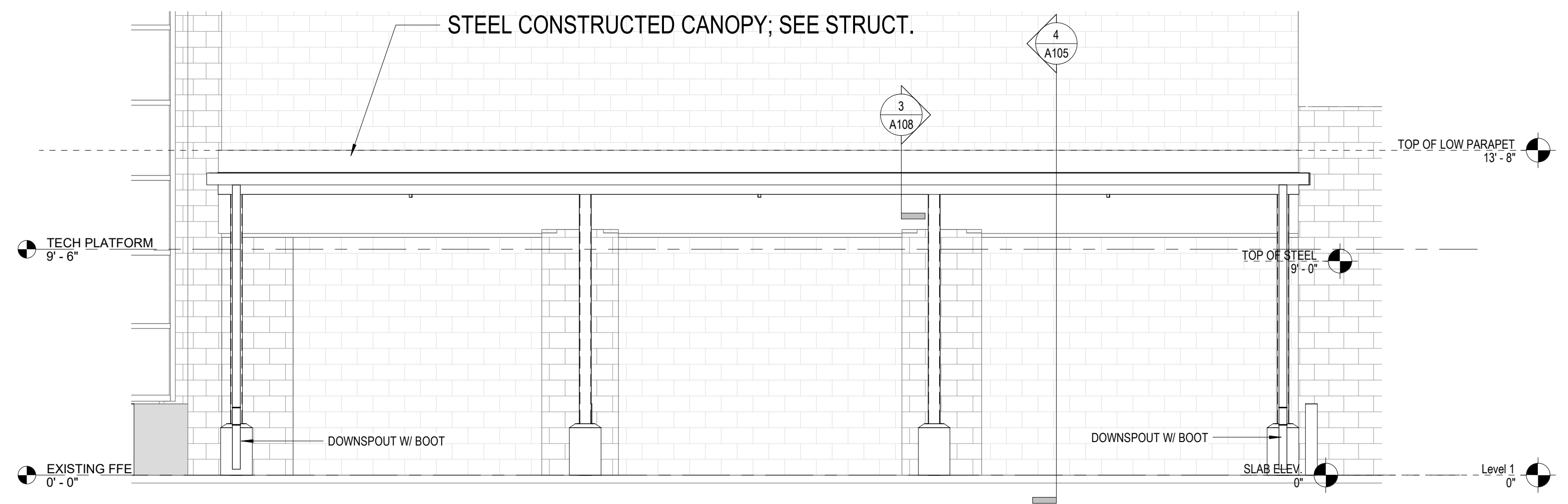
2 FRONT DROP-OFF CANOPY ENLARGED PLAN
1/4" = 1'-0"



4 FRONT DROP-OFF CANOPY - SECTION 1
1/4" = 1'-0"



3 FRONT DROP-OFF CANOPY - REFLECTIVE CEILING PLAN
1/4" = 1'-0"



5 FRONT DROP-OFF CANOPY - FRONT ELEVATION
1/4" = 1'-0"