

AMSC EXPANSION - AIRPORT
MIDLANDS TECHNICAL COLLEGE
WEST COLUMBIA, SOUTH CAROLINA

State Project Number: H59-N301-SB | GMC Project Number: ACOL240010 | Date: 12/15/2025
ADDENDUM 02 | Issue Date: 03/11/2026

GMC
915 Lady Street, Suite C
Columbia, SC 29201

ADDENDUM 02

The following items shall take precedence over the drawings and specifications for the above named project and shall become a part of the contract documents. Where any item called for in the specifications, or indicated on the drawings, is not supplemented hereby, the original requirements shall remain in effect. Where any original item is amended, voided or superseded hereby, the provisions of such item not specifically amended, voided or superseded shall remain in effect.

ATTACHMENTS

1. 42 x 30 A1.11-Reference Floor Plan w/ Alternates, Addendum 02, dated 03/11/2026
2. 42 x 30 A1.12-Equipment and Furniture Plan w/ Alternates-Level One, Addendum 02, dated 03/11/2026
3. 42 x 30 A5.21-Section Details, Addendum 02, dated 03/11/2026
4. 8.5 x 11 Specification Section 064116 Plastic-Laminate-Clad Architectural Cabinets, Addendum 02, dated 03/11/2026
5. 8.5 x 11 Specification Section 096723 Resinous Flooring, Addendum 02, dated 03/11/2026
6. 8.5 x 11 Specification Section 101100 Visual Display Units, Addendum 02, dated 03/11/2026
7. 8.5 x 11 Specification Section 123661.16 Solid Surfacing Countertops, Addendum 02, dated 03/11/2026

GENERAL

1. **The bidder must acknowledge receipt of the Addendum in the box(es) provided on the Bid Form. Failure to acknowledge may be grounds for rejection of the bid.**
2. Bidders are hereby advised that information from bid documents which are not received from the sources listed in the Invitation for Bids is not legitimate and the bidder accepts full responsibility for any differences. GMC has not authorized the scanning of the documents. Bidders should be aware that the plans are copyrighted and any unlawful use is subject to legal action. Bidders are further advised that the purchase and/or use of partial bid documents is not recommended and bidder will be responsible for any discrepancies which might have been avoided had a full set of documents been reviewed.
3. Listing of multiple products or manufacturers within specifications or approval of products or manufacturers via substitution request does not waive or preclude any and all performance, warranty or specific requirements listed within the specification unless specifically noted in the Addendum. Only manufacturers and products meeting the specification requirements and listed in the specifications or included in the Addendum shall be approved for the project.

DRAWINGS: The following changes to the Drawings are to be incorporated into the Contract Documents. Reissued Sheets, 8.5" x 11" sketches, or text notes as listed below, shall be used for Construction and replace or modify previously issued documents.

1. A1.11-Reference Floor Plan w/ Alternates
 - a. Keynote G2 revised to show design intents.
 - b. Room Finish Schedule revised for show correct room name and clarification.

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2. A1.12-Equipment and Furniture Plan w/ Alternates-Level One
 - a. General Notes added to clarify scope of work.
 - b. Comments columns revised to clarify scope of work.
 - c. Casework depth labels removed to avoid any inconsistencies.

3. A5.21-Section Details
 - a. Detail for bollard added for clarification.

SPECIFICATIONS:

1. Specification Section 064116 Plastic-Laminate-Clad Architectural Cabinets:
 - a. Chop saw bench (section 2.2) and wood waste container (section 2.5) are added for clarification.
 - b. Section 2.1 revised to remove items related to drawer.

2. Specification Section 096723 Resinous Flooring:
 - a. Section 2.2 Resinous Flooring designation revised to match the Finish Schedule.
 - b. Section 2.2 Resinous Flooring Basis of Design product revised to only show manufacturer and product.

3. Specification Section 101100 Visual Display Units:
 - a. Smart Boards (section 2.4) added for clarification.
 - b. Section 2.7 Markerboard Schedule revised to clarify the dimensions.

4. Specification Section 123661.16 Solid Surfacing Countertops:
 - a. New specification added to clarify the material in architectural section details.

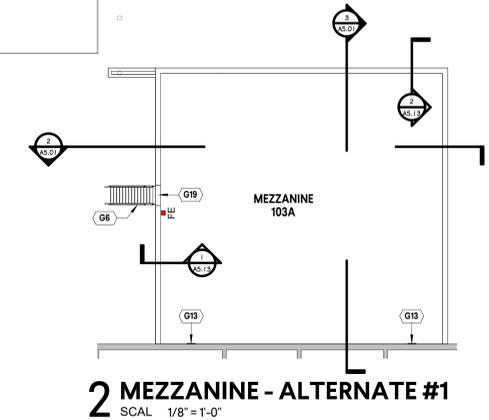
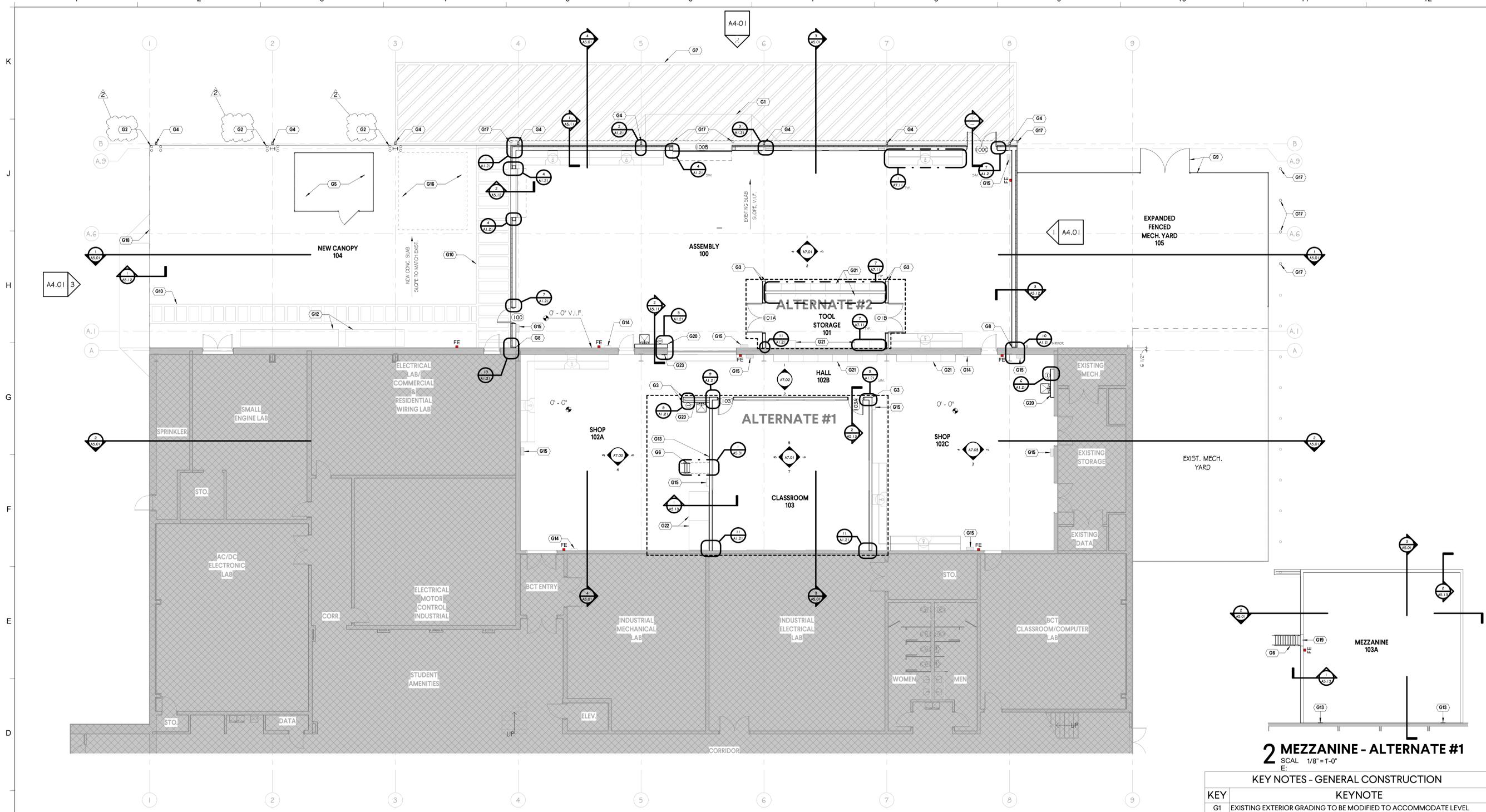
SUBSTITUTION REQUESTS:

1. Specification Section 096723 Resinous Flooring: **Sherwin-Williams** is an acceptable manufacturer under Section 2.2. The acceptable product is **POLY-CRETE SLB**.
2. Specification Section 233714 Air Distribution Specialties: **AQC Dust Control-Dust Collector Manufacturer** is an acceptable manufacturer under Section 1.3 B.

Issued by the Architect:

Jian Huang, AIA, NCARB, LEED AP BD+C

END of ADDENDUM 02



1 LEVEL 1 - FLOOR PLAN - W/ ALTERNATES
 PLAN NORTH
 TRUE NORTH
 SCALE: 1/8" = 1'-0"

KEY	MATERIAL	BASIS-OF-DESIGN	STYLE / COLOR	LOCATION	NOTES
FLOOR					
RFS	RESINOUS FLOORING SYSTEM	-	FINISH TO BE SELECTED BY OWNER	REFER TO ROOM FINISH SCHEDULE	PREPARE THE EXISTING FLOORING SURFACE TO RECEIVE NEW FINISH
C-1	NEW CONCRETE SLAB	-	REFER TO CIVIL DRAWINGS	CANOPY, EXPANDED MECH. YARD	-
PW	PLYWOOD SHEATHING	-	-	MEZZANINE	-
WALL					
PNT-1	PAINT	SHERWIN WILLIAMS	SW 7005 - PURE WHITE	REFER TO ROOM FINISH SCHEDULE	-
PNT-2	PAINT	SHERWIN WILLIAMS	SW 7059 - UNUSUAL GRAY	REFER TO ROOM FINISH SCHEDULE	-
RB-1	RUBBER BASE	TARKETT - JOHNSONITE	40 BLACK B	REFER TO ROOM FINISH SCHEDULE	-
PKP	PROTECTIVE KICK PLATE	-	BRUSHED ALUMINUM	REFER TO DOOR SCHEDULE	-
WC-1	WALL COVERING	CORIAN PANEL	ARTISTA MIST	REFER TO ROOM FINISH SCHEDULE	-
MISCELLANEOUS					
ACT	ACOUSTICAL CEILING TILE	ARMSTRONG	OPTIMA, SQUARE TEGULAR: 24" X 24", WHITE	CLASSROOM	-
PNT-4	PAINT	SHERWIN WILLIAMS	SW 7005 - PURE WHITE, FLAT SHEEN	REFER TO ROOM FINISH SCHEDULE	-

ROOM #	ROOM NAME	FLOOR	BASE	CEILING	WALL				COMMENTS
					EAST	NORTH	SOUTH	WEST	
100	ASSEMBLY	RFS	RB-1	PNT-4	VIEW 3/A7.01	VIEW 1/A7.01	VIEW 2/A7.01	VIEW 4/A7.01	-
101	TOOL STORAGE	RFS	RB-1	PNT-4	PNT-1	PNT-1	PNT-1	PNT-1	-
102	SHOP	RFS	RB-1	PNT-4	PNT-1	PNT-1	PNT-1	PNT-1	-
102A	SHOP	RFS	RB-1	PNT-4	PNT-1	PNT-1	PNT-1	PNT-1	-
102B	HALL	RFS	RB-1	PNT-4	PNT-1	PNT-1	PNT-1	PNT-1	REFER TO A1.01
102C	SHOP	RFS	RB-1	PNT-4	PNT-1	PNT-1	PNT-1	PNT-1	-
103	CLASSROOM	RFS	RB-1	ACT	PNT-1	PNT-1	PNT-1	PNT-1	-
103A	MEZZANINE	PW	RB-1	PNT-4	PNT-2	PNT-2	PNT-2	PNT-2	-
104	NEW CANOPY	C-1	-	-	-	-	-	-	-
105	EXPANDED FENCED MECH. YARD	C-1	-	-	-	-	-	-	PROVIDE CONCRETE SLAB AT EQUIPMENT

KEY NOTES - GENERAL CONSTRUCTION	
KEY	KEYNOTE
G1	EXISTING EXTERIOR GRADING TO BE MODIFIED TO ACCOMMODATE LEVEL DIFFERENCE BETWEEN INTERIOR FINISH FLOOR AND EXTERIOR GRADE. NEW GRADING TO PROVIDE ACCESSIBLE TRANSITION. REFER TO CIVIL DRAWINGS.
G2	INSTALL NEW BOLLARDS AROUND NEW EXTERIOR COLUMNS. GROUT SOLID
G3	30" H SST. L-PROFILE PROTECTIVE KICK PLATE. REFER TO INTERIOR ELEVATIONS.
G4	DOWNSPOUT, TYP.
G5	12'X16' INDUSTRIAL MAINTENANCE FENCED AREA. REUSE SALVAGED INDUSTRIAL MAINTENANCE FENCE AND GATE. PROVIDE NEW FENCE AS REQUIRED, NEW FENCE TO MATCH EXISTING.
G6	MEZZANINE ACCESS METAL RETRACTABLE LADDER.
G7	LOADING ZONE - STRIPED, WHITE COLOR.
G8	2" EXPANSION JOINT.
G9	CHAIN LINK FENCE & GATE, TO MATCH EXISTING
G10	STRIPED UNOBSTRUCTED PATH FOR EGRESS, COLOR AND PATTERN TO MATCH EXISTING.
G12	RELOCATION OF SALVAGED RACKS AND SHELVES, COORDINATE WITH THE OWNER REGARDING NEW LOCATIONS FOR SPECIFIC RACKS AND SHELVES.
G13	MAX. FLOOR LOAD SIGN FOR MEZZANINE, MOUNTED AT A HEIGHT BETWEEN 48" TO 60", DISPLAYING THE TEXT "CAUTION, FLOOR LOAD NOT TO EXCEED 30 LBS. PER SQUARE FOOT"
G14	FIRST AID KIT, TYP.
G15	FLOOR SWEEP, TYP.
G16	14' X 16' INDUSTRIAL MAINTENANCE AREA, NOT TO BE FENCED.
G17	STEEL BOLLARD, GROUT SOLID, TYP.
G18	OVERHANG ABOVE
G19	SST. L-PROFILE PROTECTIVE KICK PLATE @ CORNER
G20	PARTITION TO RECEIVE WC-1, HEIGHT VARIES, REFER TO INTERIOR ELEVATIONS.
G21	18" D. WOOD SHELVES
G22	48" D. HEAVY-DUTY STEEL SHELVES WITH MELAMINE DECK, BASIS OF DESIGN: #WB801714 BOLTLESS SHELVING & #WB331773A DECK BY GLOBAL INDUSTRIAL
G23	PERMANENT SIGN FOR LIFE SAFETY, MOUNTED AT A HEIGHT BETWEEN 48" TO 60", DISPLAYING THE TEXT "OVERHEAD DOOR REMAINS OPEN AT ALL TIMES FOR EGRESS"



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STATE OF SOUTH CAROLINA
 JUSTIN L. LUCAS
 GREENVILLE, SC
 No. 101713
 REGISTERED ARCHITECT

ISSU	DATE
1	12/15/2025
2	12/15/2025

ADDENDUM 02 03/11/2026

DRAWN BY: JH & CP
 CHECKED BY: JL

AMSC EXPANSION - AIRPORT
 1260 LEXINGTON DRIVE, WEST COLUMBIA, SC, 29170

STATE HS9-N301-SB
 PROJECT: GMC; ACOL240010



STATE OF SOUTH CAROLINA
 JUSTIN L. LUCAS
 COLUMBIA, SC
 No. 8948
 REGISTERED ARCHITECT

REFERENCE FLOOR PLAN W/ ALTERNATES

A1.11

GENERAL NOTES - FLOOR PLAN

1. THE EXISTING EQUIPMENT SHALL BE SALVAGED AND REINSTALLED BY THE OWNER.
2. THE NEW SHOP EQUIPMENT SHALL BE PROVIDED AND INSTALLED BY THE OWNER. UNLESS OTHERWISE INDICATED IN THE COMMENTS, PLEASE REFER TO THE COMMENTS COLUMN OF SCHEDULE.
3. ALL EQUIPMENT AND FURNITURE IN ALTERNATE #1 CLASSROOM SHALL BE PROVIDED BY THE CONTRACTOR.

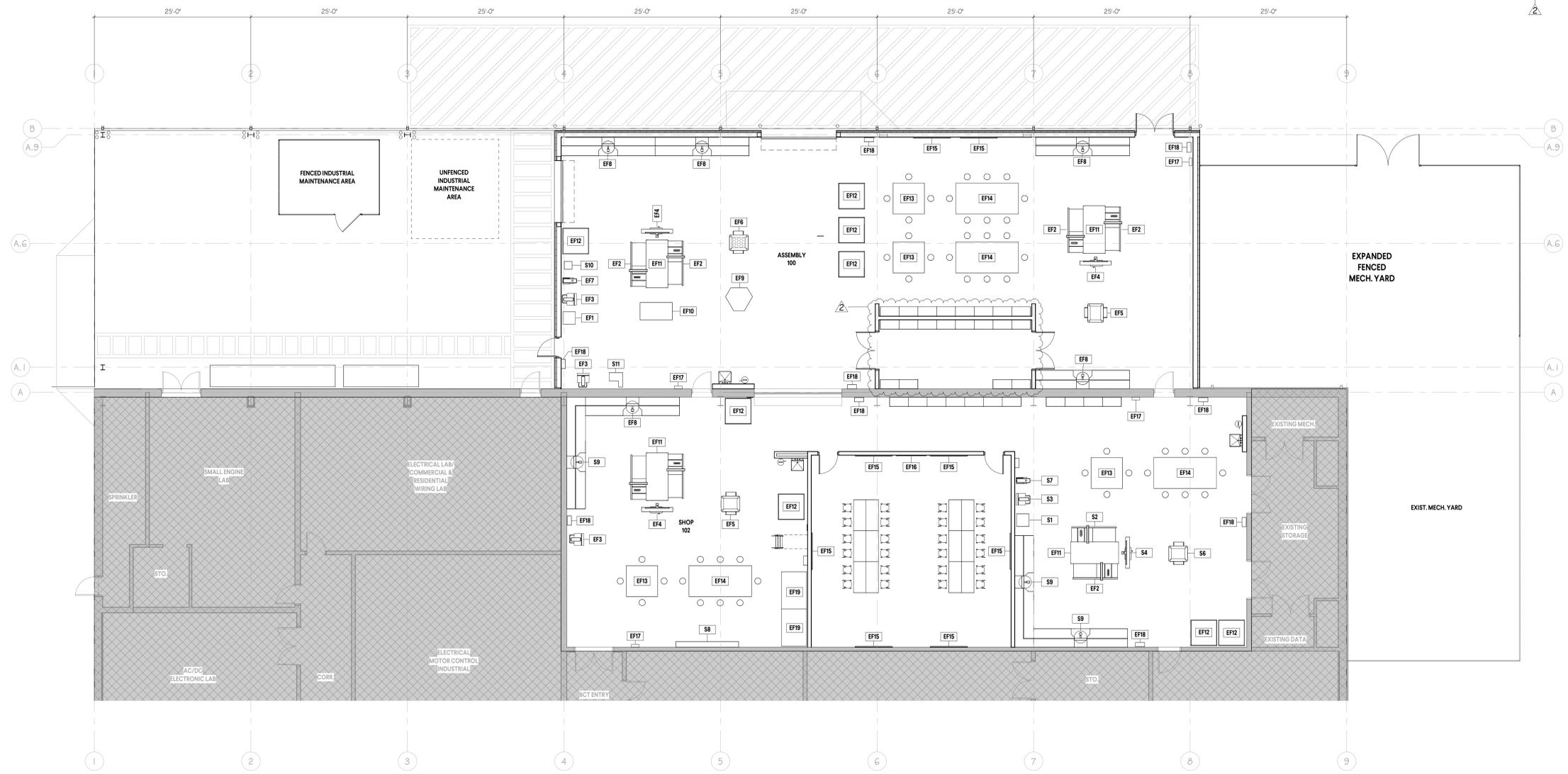
EQUIPMENT & FURNITURE SCHEDULE - EXISTING

TAG	DESCRIPTION	COMMENTS
S1	SALVAGED POCKET HOLE MACHINE	
S2	SALVAGED TABLE SAW	
S3	SALVAGED BAND SAW	
S4	SALVAGED JOINTER	
S6	SALVAGED PLANER	
S7	SALVAGED DRILL PRESS	
S8	SALVAGED PANEL SAW	
S9	SALVAGED MITER SAW	
S10	SALVAGED BENCHTOP OSCILLATING SPINDLE SANDER	
S11	SALVAGED BELT SANDER/DISC GRINDER	

THE SAW TABLE TO BE ALIGNED WITH THE BENCH SURFACE AND BENCH FENCE. COORDINATE WITH THE OWNER

EQUIPMENT & FURNITURE SCHEDULE - NEW

TAG	DESCRIPTION	COMMENTS
EF1	POCKET HOLE MACHINE	
EF2	TABLE SAW	
EF3	BAND SAW	
EF4	JOINTER	
EF5	PLANER	
EF6	22" PLANER WITH HELICAL CUTTERHEAD	
EF7	DRILL PRESS	
EF8	CHOP SAW / MITER SAW	THE SAW TABLE TO BE ALIGNED WITH THE BENCH SURFACE AND BENCH FENCE. COORDINATE WITH THE OWNER
EF9	THREE-SPINDLE SHAPER	
EF10	37" DRUM SANDER	
EF11	TABLE SAW EXTENSION TABLE	PROVIDED BY THE CONTRACTOR
EF12	WOOD WASTE CONTAINER	PROVIDED BY THE CONTRACTOR
EF13	60" X 60" WORKBENCH W/ STOOLS	PROVIDED BY THE CONTRACTOR
EF14	60" X 120" WORKBENCH W/ STOOLS	PROVIDED BY THE CONTRACTOR
EF15	MARKERBOARD	PROVIDED BY THE CONTRACTOR
EF16	SMARTBOARD	PROVIDED BY THE CONTRACTOR
EF17	FIRST AID WALL CABINET	PROVIDED BY THE CONTRACTOR
EF18	FLOOR SWEEP	PROVIDED BY THE CONTRACTOR
EF19	60" DEPTH HEAVY-DUTY METAL SHELVES	PROVIDED BY THE CONTRACTOR. REFER TO SPECIFICATION SECTION 105613 - METAL STORAGE SHELVING



1 LEVEL 1 - EQUIPMENT AND FURNITURE PLAN W/ ALTERNATES
 SCAL 1/8" = 1'-0"
 E:



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JUSTIN L. LUCAS
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ISSU	DATE
2	12/15/2025
1	03/17/2026

ADDENDUM 02

DRAWN BY: JH
 CHECKED BY: JL

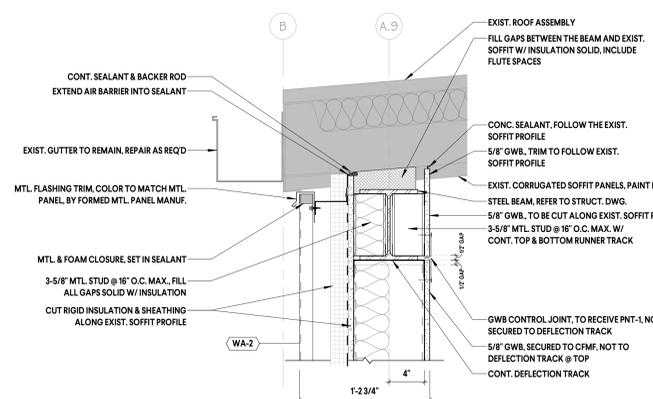
EQUIPMENT AND FURNITURE PLAN W/ ALTERNATES - LEVEL ONE

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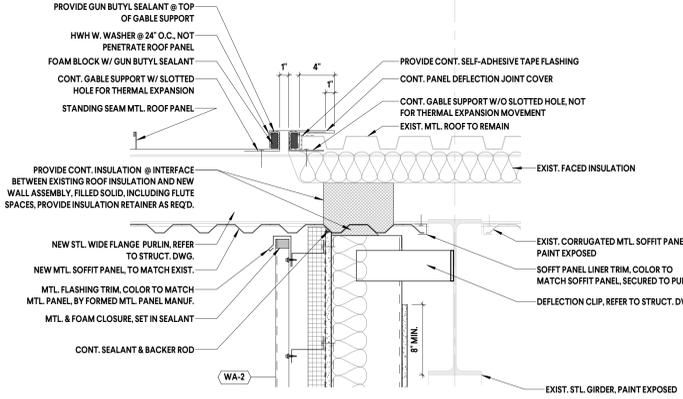
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A1.12

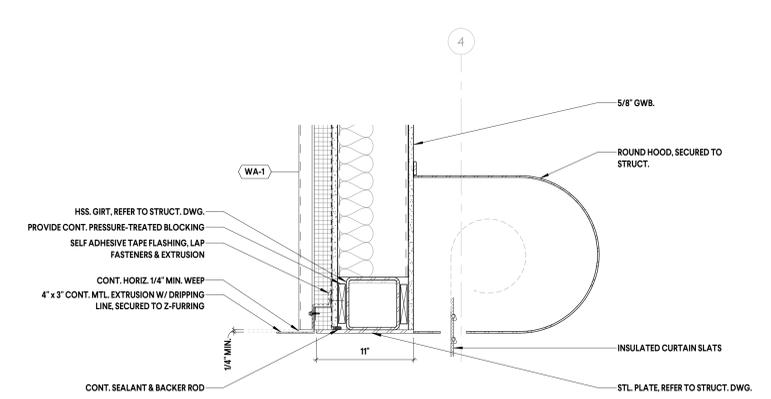
1 SECTION DETAIL
 SCAL 1 1/2" = 1'-0"
 E:



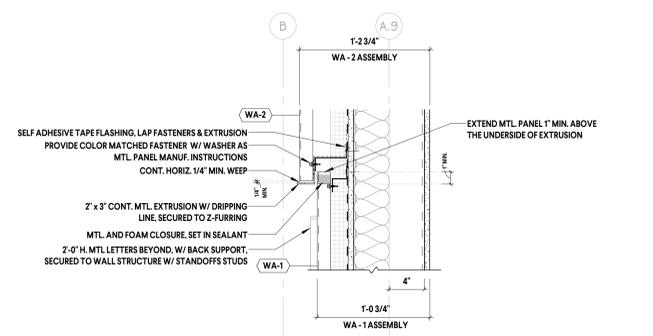
5 SECTION DETAIL
 SCAL 1 1/2" = 1'-0"
 E:



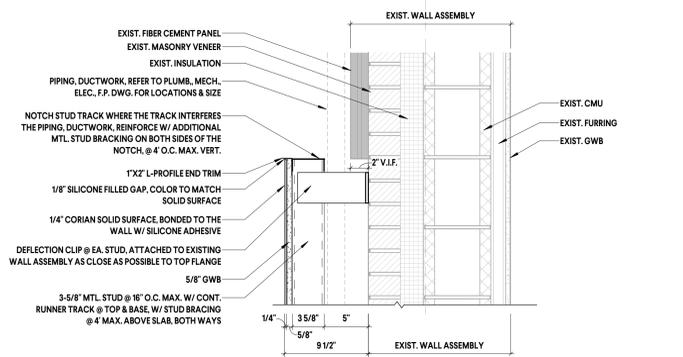
9 SECTION DETAIL
 SCAL 1 1/2" = 1'-0"
 E:



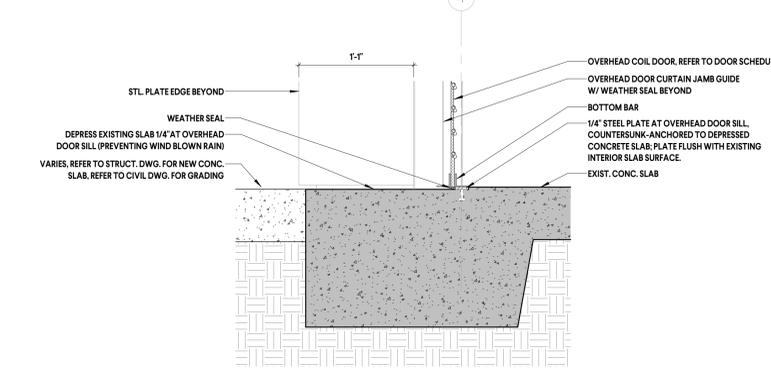
2 SECTION DETAIL
 SCAL 1 1/2" = 1'-0"
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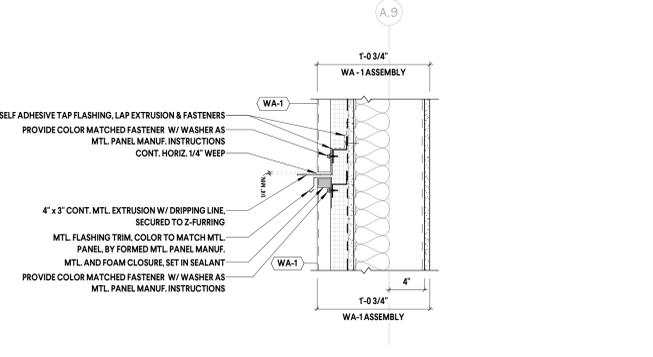
6 SECTION DETAIL
 SCAL 1 1/2" = 1'-0"
 E:



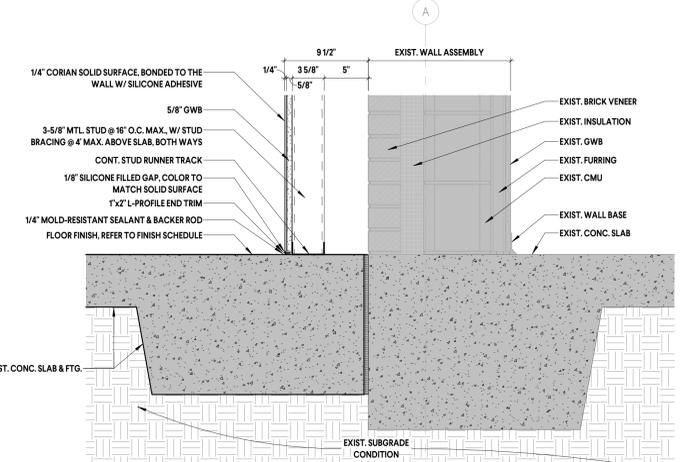
10 SECTION DETAIL
 SCAL 1 1/2" = 1'-0"
 E:



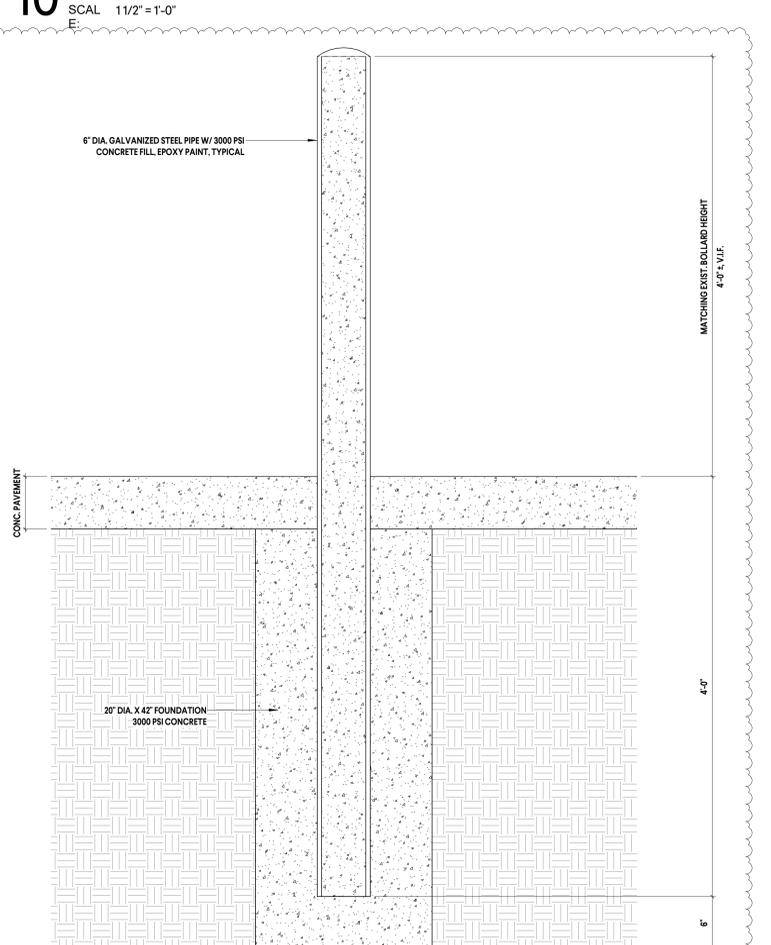
3 SECTION DETAIL
 SCAL 1 1/2" = 1'-0"
 E:



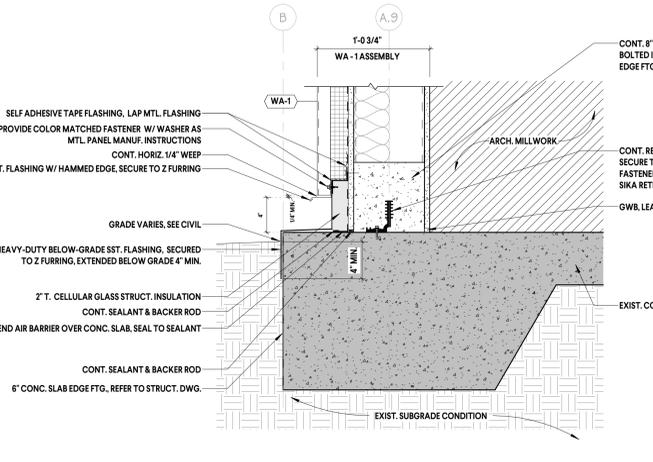
7 SECTION DETAIL
 SCAL 1 1/2" = 1'-0"
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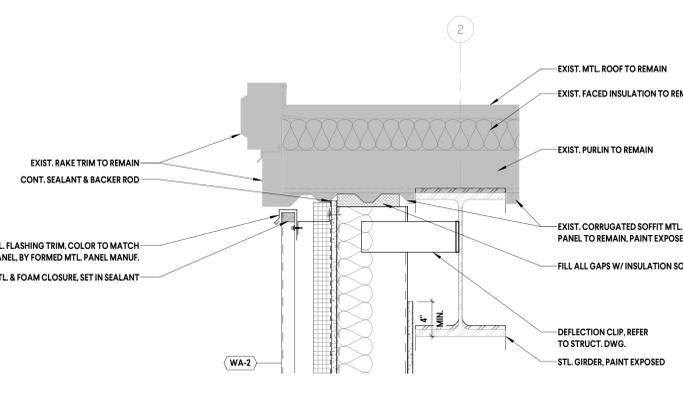
11 SECTION DETAIL-BOLLARD
 SCAL 1 1/2" = 1'-0"
 E:



4 SECTION DETAIL
 SCAL 1 1/2" = 1'-0"
 E:



8 SECTION DETAIL
 SCAL 1 1/2" = 1'-0"
 E:



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A5.21

SECTION DETAILS

DRAWN BY: JH
 CHECKED BY: -

AMSC EXPANSION - AIRPORT
MIDLANDS TECHNICAL COLLEGE
WEST COLUMBIA, SOUTH CAROLINA

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SECTION 064116 - PLASTIC-LAMINATE-CLAD ARCHITECTURAL CABINETS (Addendum 02, 03/11/2026)

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Plastic-laminate-clad architectural shelving.
2. **Plywood Saw bench.**
3. Shelving and bench hardware and accessories.
4. Wood Waste Container
5. Miscellaneous materials.

B. Related Requirements:

1. Section 061000 "Rough Carpentry" for wood furring, blocking, shims, and hanging strips required for installing cabinets that are concealed within other construction before cabinet installation.
2. Section 079200 "Joint Sealants".
3. Section 092216 "Non-Structural Metal Framing".
4. Section 092900 "Gypsum Board".
5. Section 096513 "Resilient Base and Accessories".

1.2 COORDINATION

- A. Coordinate sizes and locations of framing, blocking, furring, reinforcements, and other related units of Work specified in other Sections to support loads imposed by installed and fully loaded cabinets.

1.3 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.

1.4 ACTION SUBMITTALS

A. Product Data:

1. Plastic-laminate-clad architectural shelving.
2. Plywood Saw bench.
3. Shelving and bench hardware and accessories.
4. Wood Waste Container

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5. Miscellaneous materials.
 - B. Product Data Submittals: For each product.
 - C. Shop Drawings:
 1. Include plans, elevations, sections, and attachment details.
 2. Show full-size details.
 3. Show locations and sizes of furring, blocking, and hanging strips, including concealed blocking and reinforcement specified in other Sections.
 4. Show locations and sizes of cutouts and holes for items installed in plastic-laminate architectural cabinets.
 - D. Samples: For each exposed product and for each color and texture specified, in manufacturer's or manufacturer's standard size.
 1. Provide hard copy of manufacturer's catalog or material/ color selection charts in Adobe PDF format. Owner will review and return with written selection of finishes for sample submittals. Refer to Section 013300 "Submittal Procedures", 1.5 Submittal Administrative Requirements for submittals' requirements.
 - E. Samples for Initial Selection: For each type of exposed finish.
 - F. Samples for Verification: For the following:
 1. Plastic Laminates: **8 by 10 inches (200 by 250 mm)**, for each type, color, pattern, and surface finish required.
 - a. Provide one sample applied to core material with specified edge material applied to one edge.
 2. Corner Pieces:
 - a. Cabinet-front frame joints between stiles and rails and at exposed end pieces, **18 inches (450 mm)** high by **18 inches (450 mm)** wide by **6 inches (150 mm)** deep.
 - b. Miter joints for standing trim.
 3. Exposed Cabinet Hardware and Accessories: One full-size unit for each type and finish.
- 1.5 INFORMATIONAL SUBMITTALS
- A. Qualification Data: For Fabricator/Installer.
 - B. Product Certificates: For each type of product, provide certificate signed by the Fabricator/installer certifying that the work complies with the quality standards, grades and other requirements as referenced and specified herein.

1.6 QUALITY ASSURANCE

- A. Fabricator/Installer Qualifications: Shop that employs skilled workers who custom fabricate products similar to those required for this Project and whose products have a record of successful in-service performance.
 - 1. The fabricator is to have a minimum of **five (5)** consecutive years of experience in the type and quality of casework shown on the drawings and specified herein.
- B. Woodwork Quality Standard: Comply with the applicable provisions for grading and workmanship of the Architectural Woodwork Institute (AWI), Architectural Woodwork Quality Standards and Guide Specifications, current edition, herein referred to as Standards, except otherwise specified. AWI certification for this project is not required.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Do not deliver cabinets until painting and similar finish operations that might damage architectural cabinets have been completed in installation areas. Store cabinets in installation areas or in areas where environmental conditions comply with requirements specified in "Field Conditions" Article.

1.8 FIELD CONDITIONS

- A. Environmental Limitations without Humidity Control: Do not deliver or install cabinets until building is enclosed, wet-work is complete, and HVAC system is operating and maintaining temperature and relative humidity at levels planned for building occupants during the remainder of the construction period.
- B. Environmental Limitations with Humidity Control: Do not deliver or install cabinets until building is enclosed, wet-work is complete, and HVAC system is operating and maintaining temperature between **60 and 90 deg F (16 and 32 deg C)** and relative humidity between 25 and 55 percent during the remainder of the construction period.
- C. Field Measurements: Where cabinets are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication, and indicate measurements on Shop Drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.
 - 1. Locate concealed framing, blocking, and reinforcements that support cabinets by field measurements before being enclosed/concealed by construction, and indicate measurements on Shop Drawings.
- D. Established Dimensions: Where cabinets are indicated to fit to other construction, establish dimensions for areas where cabinets are to fit. Provide allowance for trimming at site, and coordinate construction to ensure that actual dimensions correspond to established dimensions.

PART 2 - PRODUCTS

2.1 PLASTIC-LAMINATE-CLAD ARCHITECTURAL SHELVING, **Keynote G21**

- A. Quality Standard: Unless otherwise indicated, comply with the Architectural Woodwork Standards for grades of cabinets indicated for construction, finishes, installation, and other requirements.
 - 1. AWI Certificate is **not** required for this project. Comply with the standards for materials and construction.
 - 2. The Contract Documents contain requirements that are more stringent than the referenced quality standard. Comply with requirements of Contract Documents in addition to those of the referenced quality standard.
- B. Architectural Woodwork Standards Grade: Premium.
- C. Type of Construction: Frameless.
- D. High-Pressure Decorative Laminate: **NEMA LD 3**, grades as indicated or if not indicated, as required by quality standard.
 - 1. **Manufacturers:** Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work as the follows:
 - a. **Formica Corporation.**
 - b. **Wilsonart International Holdings, Inc.**
- E. Exposed Surfaces:
 - 1. Plastic-Laminate Grade:
 - a. Horizontal Surfaces: Grade HGS.
 - b. Vertical Surfaces: Grade HGS.
 - 2. Edges: Grade HGS.
 - 3. Pattern Direction: Vertically for doors and fixed panels, horizontally for drawer fronts.
- F. Colors, Patterns, and Finishes: Provide materials and products that result in colors and textures of exposed laminate surfaces complying with the following requirements:
 - 1. As selected by Owner from laminate manufacturer's full range in the following categories:
 - a. Solid colors, Standard finish.
 - b. Patterns, Standard finish.

2.2 PLYWOOD SAW BENCH

- A. Quality Standard: Unless otherwise indicated, comply with the Architectural Woodwork Standards for grades of cabinets indicated for construction, finishes, installation, and other requirements.

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1. AWI Certificate is **not** required for this project. Comply with the standards for materials and construction.
 2. The Contract Documents contain requirements that are more stringent than the referenced quality standard. Comply with requirements of Contract Documents in addition to those of the referenced quality standard.
 3. Plywood shall comply with **ANSI/HPVA HP-1**.
- B. Architectural Woodwork Standards Grade: Premium.
- C. Type of Construction: Frameless.
- D. Door and Drawer-Front Style: Flush overlay.
- E. Plywood Panels:
1. Core: Hardwood Veneer Core
 2. Species: White Birch or White Maple
 3. Bond: Type I moisture-resistant adhesive bond suitable for interior use to resist swelling or delamination.
 4. Thickness: As indicated in the drawings
- F. Exposed Surfaces:
1. Face Veneer Grade: Grade A.
 2. Edges: Exposed edges shall receive PVC or polyester edge banding, color to match face veneer.
 3. Pattern Direction: Vertically for doors and fixed panels, horizontally for drawer fronts.
- G. Semiexposed Surfaces:
1. Surfaces Other Than Drawer Bodies:
 - a. Face Veneer Grade: Grade B.
 2. Drawer Sides and Backs: Solid-hardwood lumber.
 3. Drawer Bottoms: Hardwood plywood.
- H. Dust Panels: **1/4-inch (6.4-mm)** plywood or tempered hardboard above compartments and drawers unless located directly under tops.
- I. Concealed Backs of Panels with Exposed Plastic-Laminate Surfaces: High-pressure decorative laminate, NEMA LD 3, Grade BKL.
- J. Drawer Construction: Fabricate with exposed fronts fastened to subfront with mounting screws from interior of body.

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1. Join subfronts, backs, and sides with glued rabbeted joints supplemented by mechanical fasteners.

2.3 WOOD MATERIALS

- A. Wood Products: Provide materials that comply with requirements of referenced quality standard for each type of architectural cabinet and quality grade specified unless otherwise indicated.
 1. Wood Moisture Content: 8 to 13 percent.
 2. Particleboard (Medium Density): ANSI A208.1, Grade M-2, made with binder containing no urea formaldehyde.

2.4 SHELVING AND BENCH HARDWARE AND ACCESSORIES

- A. Cabinet Hardware: Provide cabinet hardware and accessory materials associated with architectural cabinets except for items specified in Section 087100 "Door Hardware."
- B. Frameless Concealed Hinges (European Type): ANSI/BHMA A156.9, B01602, 135 degrees of opening.
- C. Back-Mounted Pulls: ANSI/BHMA A156.9, B02011.
- D. Wire Pulls: Back mounted, solid metal, 4 inches (100 mm) long, 5/16 inch (8 mm) in diameter.
- E. Catches: Magnetic catches, ANSI/BHMA A156.9, B03141.
- F. Adjustable Shelf Standards and Supports: ANSI/BHMA A156.9, B04071; with shelf rests, B04081.
- G. Shelf Rests: ANSI/BHMA A156.9, B04013; metal, L-shaped type.
- H. Drawer Slides: ANSI/BHMA A156.9.
 1. Standard Duty (Grade 1 and Grade 2): Side mount and extending under bottom edge of drawer.
 - a. Type: Full extension.
 - b. Material: Zinc-plated ball bearing slides.
 2. General-purpose drawers more than 3 inches (75 mm) high, but not more than 6 inches (150 mm) high and not more than 24 inches (600 mm) wide, provide 75 lb (34 kg) load capacity.
 3. File drawers more than 6 inches (150 mm) high or more than 24 inches (600 mm) wide, provide 100 lb (45 kg) load capacity.
 4. Lateral file drawers more than 6 inches (150 mm) high and more than 24 inches (600 mm) but not more than 30 inches (762 mm) wide, provide 150 lb (68 kg) load capacity.
 5. Lateral file drawers more than 6 inches (150 mm) high and more than 30 inches (762 mm) wide, provide 200 lb (90.7 kg) load capacity.

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- I. Door and Drawer Silencers: ANSI/BHMA A156.16, L03011.
- J. Exposed Hardware Finishes: For exposed hardware, provide finish that complies with ANSI/BHMA A156.18 for ANSI/BHMA finish number indicated.
 - 1. Satin Chromium Plated: ANSI/BHMA 626 for brass or bronze base; ANSI/BHMA 652 for steel base.
- K. For concealed hardware, provide manufacturer's standard finish that complies with product class requirements in ANSI/BHMA A156.9.

2.5 WOOD WASTE CONTAINER

- A. Plywood Panels: Comply with **ANSI/HPVA HP-1**
 - 1. Core: Hardwood Veneer Core
 - 2. Species: White Birch or White Maple
 - 3. Bond: Type I moisture-resistant adhesive bond suitable for interior use to resist swelling or delamination.
 - 4. Thickness: **3/4 inches (19 mm)**
- B. Wood Blocking / Framing:
 - 1. Solid hardwood lumber for structural support and reinforcement at corners and edges.
 - 2. Size: 2 inches x 4 inches minimum
- C. Assembly:
 - 1. Overall Dimensions: 48 inches length x 48 inches width x 42 inches height
 - 2. Panel Assembly:
 - a. Panels joined with mechanical fasteners and waterproof adhesive.
 - b. Edges reinforced with hardwood blocking.
 - c. All joints flush, smooth, and sanded to remove splinters.
 - 3. Cover: Open top, no lid

2.6 MISCELLANEOUS MATERIALS

- A. Furring, Blocking, Shims, and Hanging Strips: Softwood or hardwood lumber, kiln-dried to less than 15 percent moisture content.
- B. Anchors: Select material, type, size, and finish required for each substrate for secure anchorage. Provide metal expansion sleeves or expansion bolts for post-installed anchors. Use nonferrous-metal or hot-dip galvanized anchors and inserts at inside face of exterior walls and at floors.
- C. Adhesives: Do not use adhesives that contain urea formaldehyde.
- D. Adhesive for Bonding Plastic Laminate: Type I, waterproof type as selected by fabricator to comply with requirements.

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1. Adhesive for Bonding Edges: Hot-melt adhesive or adhesive specified above for faces.

2.7 FABRICATION

- A. Examine all conditions and verify all dimensions at the project site. Fabrication and/or installation of the casework and related elements constitutes acceptance of the existing conditions.
- B. Not all details of casework are shown on the Drawings. The fabricator is to utilize the most advantageous manufacturing process to achieve the quality of casework indicated herein by the referenced AWI Quality Standards and the details shown on the Drawings.
- C. Fabricate architectural cabinets to dimensions, profiles, and details indicated.
- D. Complete fabrication, including assembly and hardware application, to maximum extent possible before shipment to Project site. Disassemble components only as necessary for shipment and installation. Where necessary for fitting at site, provide ample allowance for scribing, trimming, and fitting.
 1. Trial fit assemblies at manufacturer's shop that cannot be shipped completely assembled. Install dowels, screws, bolted connectors, and other fastening devices that can be removed after trial fitting. Verify that various parts fit as intended and check measurements of assemblies against field measurements before disassembling for shipment.
 2. Notify Architect seven days in advance of the dates and times woodwork fabrication will be complete.
- E. Shop-cut openings to maximum extent possible to receive hardware, appliances, electrical work, and similar items. Locate openings accurately and use templates or roughing-in diagrams to produce accurately sized and shaped openings. Sand edges of cutouts to remove splinters and burrs.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Verify all measurements at the project site and provide any necessary closures and trim to fit the items to enclosing walls and construction. Provide other trades with information necessary for proper completion of related work. Installation of casework and related construction constitutes acceptance of the existing conditions.
- B. Before installation, condition cabinets to humidity conditions in installation areas for not less than 72 hours.
- C. Before installing cabinets, examine shop-fabricated work for completion and complete work as required.

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3.2 INSTALLATION

- A. Architectural Woodwork Standards Grade: Install cabinets to comply with quality standard grade of item to be installed.
- B. Assemble cabinets and complete fabrication at Project site to extent that it was not completed in the shop.
- C. Anchor cabinets to anchors or blocking built in or directly attached to substrates. Secure with wafer-head cabinet installation screws.
- D. Install cabinets level, plumb, and true in line to a tolerance of **1/8 inch in 96 inches (3 mm in 2400 mm)** using concealed shims.
 - 1. Scribe and cut cabinets to fit adjoining work, refinish cut surfaces, and repair damaged finish at cuts.
 - 2. Install cabinets without distortion so doors and drawers fit openings and are accurately aligned. Adjust hardware to center doors and drawers in openings and to provide unencumbered operation. Complete installation of hardware and accessory items as indicated.
 - 3. Fasten wall cabinets through back, near top and bottom, and at ends not more than **16 inches (400 mm)** o.c. with No. 10 wafer-head screws sized for not less than **1-1/2-inch (38-mm)** penetration into wood framing, blocking, or hanging strips.

3.3 ADJUSTING AND CLEANING

- A. Protection: Advise Contractor of procedures and precautions for protection of materials, installed casework, and finishes from damage by the Work of other trades until acceptance of the Work by the Owner. Advise Contractor of the required temperature/humidity conditions which must be maintained during the remainder of the construction period in areas of casework installation.
- B. Repair damaged and defective cabinets, where possible, to eliminate functional and visual defects. Where not possible to repair, replace architectural cabinets. Adjust joinery for uniform appearance.
- C. Clean, lubricate, and adjust hardware.
- D. Clean cabinets on exposed and semiexposed surfaces.

END OF SECTION 064116

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SECTION 096723 - RESINOUS FLOORING (Addendum 02, 03/11/2026)

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:

- 1. Resinous flooring.

- B. Related Sections:

- 1. Section 033000 "Cast In Place Concrete" for newly installed concrete floor slab.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.

- 1. Include manufacturer's technical data, installation instructions, and recommendations for each resinous flooring component required.

- B. Samples: For each resinous floor system required and for each color and texture specified, **6 inches (150 mm)** square in size, applied to a rigid backing by Installer for this Project.

1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer.

- B. Material Certificates: For each resinous flooring component.

- C. Material Test Reports: For each resinous flooring system, by a qualified testing agency.

- D. Field quality-control reports.

1.5 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For resinous flooring to include in maintenance manuals.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: An authorized representative who is trained and approved by manufacturer.
 - 1. Engage an installer who is certified in writing by resinous flooring manufacturer as qualified to apply resinous flooring systems indicated.
- B. Mockups: Build mockups to verify selections made under Sample submittals, to demonstrate aesthetic effects, and to set quality standards for materials and execution.
 - 1. Apply full-thickness mockups on **96-inch- (2400-mm-)** square floor area selected by Architect.
 - a. Include **96-inch (2400-mm)** length of integral cove base with inside corner.
 - 2. Simulate finished lighting conditions for Architect's review of mockups.
 - 3. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
 - 4. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials in original packages and containers, with seals unbroken, bearing manufacturer's labels indicating brand name and directions for storage and mixing with other components.

1.8 FIELD CONDITIONS

- A. Environmental Limitations: Comply with resinous flooring manufacturer's written instructions for substrate temperature, ambient temperature, moisture, ventilation, and other conditions affecting resinous flooring installation.
- B. Lighting: Provide permanent lighting or, if permanent lighting is not in place, simulate permanent lighting conditions during resinous flooring installation.
- C. Close spaces to traffic during resinous flooring installation and for 24 hours after installation unless manufacturer recommends a longer period.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Flammability: Self-extinguishing in accordance with ASTM D635.

2.2 RESINOUS FLOORING-RFS

- A. Resinous Flooring System: Abrasion-, impact-, and chemical-resistant, aggregate-filled, resin-based monolithic floor surfacing designed to produce a seamless floor.

1. Basis of Design Product: DEX-O-TEX Tek-Crete SL-B

- B. Source Limitations: Obtain primary resinous flooring materials, including primers, resins, hardening agents, grouting coats, and topcoats, from single source from single manufacturer. Obtain secondary materials, including patching and fill material, joint sealant, and repair materials, of type and from manufacturer recommended in writing by manufacturer of primary materials.

- C. System Characteristics:

1. Color and Pattern: **Light Grey** as selected by Owner from manufacturer's full range
2. Wearing Surface: **Textured for slip resistance**, as selected by Owner from manufacturer's full range.
3. Overall System Thickness: **3/16 inch (4.8 mm) to 1/4 inch (6.4 mm)**

- D. System Physical Properties: Provide resinous flooring system with the following minimum physical property requirements when tested in accordance with test methods indicated:

1. Compressive Strength: **6,100 psi (42.0 MPa)** minimum in accordance with ASTM C579.
2. Tensile Strength: **1,000 psi (6.89 MPa)** minimum in accordance with ASTM C307.
3. Flexural Modulus of Elasticity: **2,000 psi (13.8 MPa)** minimum in accordance with ASTM C580.
4. Water Absorption: **0.64%** maximum in accordance with MIL-D-3134.
5. Shrinkage: **1.4×10^{-5} in/in/°F** maximum in accordance with ASTM C531.
6. Impact Resistance: No chipping, cracking, or delamination and not more than **1/16-inch (1.6-mm)** permanent indentation in accordance with MIL-D-3134J.
7. Resistance to Elevated Temperature: No slip or flow of more than **1/16 inch (1.6 mm)** in accordance with MIL-D-3134J.
8. Abrasion Resistance: **33 mg** maximum weight loss in accordance with ASTM D1044.
9. Hardness: **85-90** Durometer, Shore D in accordance with ASTM D2240.
10. Flammability-Critical Radiant Flux (ASTM E648): **1.07 watts/sq.cm.**

- E. Body Coat: **3/16 to 1/4 inch (5 to 6 mm)**, with sand broadcast to rejection.
Top Coat: Tek-Crete Sealer CP. UV and abrasion resistant High Build Polyaspartic Topcoat, typically applied in two, (2), coats.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, with Installer present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
 - 1. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might interfere with adhesion of resinous flooring systems.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Prepare and clean substrates in accordance with resinous flooring manufacturer's written instructions for substrate indicated to ensure adhesion..
- B. Concrete Substrates: Provide sound concrete surfaces free of laitance, glaze, efflorescence, curing compounds, form-release agents, dust, dirt, grease, oil, and other contaminants incompatible with resinous flooring.
 - 1. Roughen concrete substrates as follows:
 - a. Shot-blast surfaces with an apparatus that abrades the concrete surface, contains the dispensed shot within the apparatus, and recirculates the shot by vacuum pickup.
 - b. Comply with requirements in SSPC-SP 13/NACE No. 6, with a Concrete Surface Profile of 3 or greater in accordance with ICRI Technical Guideline No. 310.2R, unless manufacturer's written instructions are more stringent.
 - 2. Repair damaged and deteriorated concrete in accordance with resinous flooring manufacturer's written instructions.
 - 3. Moisture Testing: Perform tests so that each test area does not exceed **1000 sq. ft. (304.8 sq. m)**, and perform no fewer than three tests in each installation area and with test areas evenly spaced in installation areas.
 - a. Anhydrous Calcium Chloride Test: ASTM F1869. Proceed with installation only after substrates have maximum moisture-vapor-emission rate of **5 lb of water/1000 sq. ft. (2.27 kg of water/92.9 sq. m)** in 24 hours.
 - b. Relative Humidity Test: Using in-situ probes, ASTM F2170. Proceed with installation only after substrates have a maximum **75** percent relative humidity level measurement.
 - 4. Alkalinity and Adhesion Testing: Perform tests recommended in writing by resinous flooring manufacturer. Proceed with installation only after substrate alkalinity is not less

than **6** or more than **8** pH unless otherwise recommended in writing by flooring manufacturer,

- C. Patching and Filling: Use patching and fill material to fill holes and depressions in substrates in accordance with manufacturer's written instructions.
 - 1. Control Joint Treatment: Treat control joints and other nonmoving substrate cracks to prevent cracks from reflecting through resinous flooring in accordance with manufacturer's written instructions.
- D. Resinous Materials: Mix components and prepare materials in accordance with resinous flooring manufacturer's written instructions.

3.3 INSTALLATION

- A. Apply components of resinous flooring system in accordance with manufacturer's written instructions to produce a uniform, monolithic wearing surface of thickness specified.
 - 1. Coordinate installation of components to provide optimum adhesion of resinous flooring system to substrate, and optimum intercoat adhesion.
 - 2. Cure resinous flooring components in accordance with manufacturer's written instructions. Prevent contamination during installation and curing processes.
 - 3. Expansion and Isolation Joint Treatment: At substrate expansion and isolation joints, comply with resinous flooring manufacturer's written instructions.
- B. Primer: Apply primer over prepared substrate at spreading rate recommended in writing by manufacturer.
- C. Self-Leveling Body Coats: Apply self-leveling slurry body coats in thickness specified for flooring system.
 - 1. Aggregates: Broadcast aggregates at rate recommended in writing by manufacturer. After resin is cured, remove excess aggregates to provide surface texture indicated.
- D. Grout Coat: Apply grout coat to fill voids in surface of final body coat.
- E. Topcoats: Apply topcoats in number indicated for flooring system specified, at spreading rates recommended in writing by manufacturer, and to produce wearing surface specified.

3.4 FIELD QUALITY CONTROL

- A. Material Sampling: Owner may, at any time and any number of times during resinous flooring installation, require material samples for testing for compliance with requirements.
 - 1. Owner will engage an independent testing agency to take samples of materials being used. Material samples will be taken, identified, sealed, and certified in presence of Contractor.

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2. Testing agency will test samples for compliance with requirements, using applicable referenced testing procedures or, if not referenced, using testing procedures listed in manufacturer's product data.
 3. If test results show applied materials do not comply with specified requirements, pay for testing, remove noncomplying materials, prepare surfaces coated with unacceptable materials, and reinstall flooring materials to comply with requirements.
- B. Core Sampling: At Owner's direction and at locations designated by Owner, take one core sample per **1000 sq. ft. (92.9 sq. m)** of resinous flooring, or portion of, to verify thickness. For each sample that fails to comply with requirements, take two additional samples. Repair damage caused by coring. Correct deficiencies in installed flooring as indicated by testing.

3.5 PROTECTION

- A. Protect resinous flooring from damage and wear during the remainder of construction period. Use protective methods and materials, including temporary covering, recommended in writing by resinous flooring manufacturer.

END OF SECTION 096723

SECTION 101100 - VISUAL DISPLAY SURFACES (Addendum 02, 03/11/2026)

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Markerboards.
 - 2. Smartboards.

1.3 DEFINITIONS

- A. Visual Display Board Assembly: Visual display surface that is factory fabricated into composite panel form, either with or without a perimeter frame; includes markerboards
- B. Visual Display Surface: Surfaces that are used to convey information visually, including surfaces of markerboards and tackboards.

1.4 ACTION SUBMITTALS

- A. Product Data: For each type of product indicated. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for visual display surfaces.
- B. Shop Drawings: For visual display surfaces. Include plans, elevations, sections, details, and attachments to other work.
 - 1. Show locations of panel joints.
 - 2. Show locations of special-purpose graphics for visual display surfaces.
 - 3. Include sections of typical trim members.
 - 4. **Include routing of surface mounted wire-mold around marker board installation locations.**
- C. Product Schedule: For visual display surfaces. Use same designations indicated on Drawings.

1.5 INFORMATIONAL SUBMITTALS

- A. Warranties: Sample of special warranties.

1.6 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For visual display surfaces to include in maintenance manuals.

1.7 QUALITY ASSURANCE

- A. Source Limitations: Obtain visual display surfaces from single source from single manufacturer.

1.8 DELIVERY, STORAGE, AND HANDLING

- A. Deliver factory-built visual display surfaces, including factory-applied trim where indicated, completely assembled in one piece without joints, where possible. If dimensions exceed maximum manufactured panel size, provide two or more pieces of equal length as acceptable to Architect. When overall dimensions require delivery in separate units, pre-fit components at the factory, disassemble for delivery, and make final joints at the site.
- B. Store visual display surfaces vertically with packing materials between each unit.

1.9 PROJECT CONDITIONS

- A. Environmental Limitations: Do not deliver or install visual display surfaces until spaces are enclosed and weathertight, wet work in spaces is complete and dry, work above ceilings is complete, and temporary HVAC system is operating and maintaining ambient temperature and humidity conditions at occupancy levels during the remainder of the construction period.
- B. Field Measurements: Verify actual dimensions of available wall space and construction contiguous with visual display surfaces by field measurements before fabrication.

1.10 WARRANTY

- A. Special Warranty for Porcelain-Enamel Face Sheets: Manufacturer's standard form in which manufacturer agrees to repair or replace porcelain-enamel face sheets that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Surfaces lose original writing and erasing qualities.
 - b. Surfaces exhibit crazing, cracking, or flaking.
 - 2. Warranty Period: Life of the building.

PART 2 - PRODUCTS

2.1 MARKERBOARD MATERIALS, GENERAL, EF15

- A. Porcelain-Enamel Face Sheet: Manufacturer's standard steel sheet with porcelain-enamel coating fused to steel; uncoated thickness indicated.
 - 1. Gloss Finish: Matte; dry-erase markers wipe clean with dry cloth or standard eraser.
- B. Natural Cork Sheet: Seamless, single-layer, compressed fine-grain cork sheet; bulletin board quality; face sanded for natural finish.
- C. Particleboard: ANSI A208.1, Grade M-1, made with binder containing no urea formaldehyde.
- D. Extruded Aluminum: ASTM B 221, Alloy 6063.

2.2 MARKERBOARD ASSEMBLIES

- A. Porcelain-Enamel Markerboards: Balanced, high-pressure, factory-laminated markerboard assembly of three-ply construction consisting of backing sheet, core material, and porcelain-enamel face sheet with Matte finish.
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. Basis of Design: Claridge Products and Equipment, Inc. LCS Deluxe
 - b. Marsh Industries, Inc.; Visual Products Group.
 - c. Platinum Visual Systems; a division of ABC School Equipment, Inc.
 - d. PolyVision Corporation; a Steelcase company.
 - 2. Particleboard Core: 1/2 inch thick; with 0.015-inch-thick, aluminum sheet backing.
 - a. Magnetic: Core material shall have magnet connectivity.
 - 3. Laminating Adhesive: Manufacturer's standard, moisture-resistant thermoplastic type.

2.3 MARKERBOARD ACCESSORIES

- A. Aluminum Frames and Trim: Fabricated from not less than 0.062-inch-thick, extruded aluminum; slim size and standard shape.
 - 1. Factory-Applied Trim: Manufacturer's standard.
- B. Tack Strip: Manufacturer's standard 2" high tack strip.
- C. Chalktray: Manufacturer's standard, continuous.
 - 1. Solid Type: Extruded aluminum with ribbed section and smoothly curved exposed ends.
- D. Flag Holder: 2" Aluminum hook clip flag holder mounted to tack strip rail, provide (1) one per marker board.
- E. Hook with Clip: 2" Aluminum Hook with Clip mounted to tack strip, provide (2) two per marker board.

2.4 SMART BOARDS, EF 16

- A. Smart Board:
 - 1. Basis of Design Product: 65" Class U7900 Series UHD 4K Smart Tizen TV (2025) by Sumsung.
- B. Mounting Method: Wall-mounted.
 - 1. Basis of Design Product: Full-Motion TV Wall Mount for Most 42"-90" TVs by Rocketfish.

2.5 FABRICATION

- A. Porcelain-Enamel Visual Display Assemblies: Laminate porcelain-enamel face sheet and backing sheet to core material under heat and pressure with manufacturer's standard flexible, waterproof adhesive.
- B. Visual Display Boards: Factory assemble visual display boards unless otherwise indicated.
 - 1. Where factory-applied trim is indicated, trim shall be assembled and attached to visual display boards at manufacturer's factory before shipment.
 - 2. Make joints only where total length exceeds maximum manufactured length. Fabricate with minimum number of joints, as indicated on approved Shop Drawings.
 - 3. Where size of visual display boards or other conditions require support in addition to normal trim, provide structural supports or modify trim as indicated or as selected by Architect from manufacturer's standard structural support accessories to suit conditions indicated.
- C. Aluminum Frames and Trim: Fabricate units straight and of single lengths, keeping joints to a minimum. Miter corners to a neat, hairline closure.
 - 1. Where factory-applied trim is indicated, trim shall be assembled and attached to visual display units at manufacturer's factory before shipment.

2.6 GENERAL FINISH REQUIREMENTS

- A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.
- B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- C. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

2.7 ALUMINUM FINISHES

- A. Clear Anodic Finish: AAMA 611, AA-M12C22A31, Class II, 0.010 mm or thicker.

2.8 MARKERBOARD SCHEDULE

- A. Visual Display Board, **EF 15**: Factory assembled.
 - 1. Markerboard: Porcelain-enamel markerboard assembly.
 - a. Color: White.
 - 2. Corners: Square.
 - 3. Width: As indicated on Drawings or 6'-0" minimum if not noted in the drawings.
 - 4. Height: As indicated on Drawings or 4'-0" minimum if not noted in the drawings.
 - 5. Mounting: Wall.
 - 6. Mounting Height: As indicated on Drawings or at height directed by the Architect.
 - 7. Factory-Applied Aluminum Trim: Manufacturer's standard with clear anodic finish.
 - 8. Accessories:
 - a. Marker tray: Solid type.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates and conditions, with Installer present, for compliance with requirements for installation tolerances, surface conditions of wall, and other conditions affecting performance of the Work.
- B. Examine walls and partitions for proper preparation and backing for visual display surfaces.
- C. Examine walls and partitions for suitable framing depth where sliding visual display units will be installed.
- D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Comply with manufacturer's written instructions for surface preparation.
- B. Clean substrates of substances that could impair the performance of and affect the smooth, finished surfaces of visual display boards, including dirt, mold, and mildew.
- C. Prepare surfaces to achieve a smooth, dry, clean surface free of flaking, unsound coatings, cracks, defects, projections, depressions, and substances that will impair bond between visual display surfaces and wall surfaces.

3.3 INSTALLATION, GENERAL

- A. General: Install visual display surfaces in locations and at mounting heights indicated on Drawings, or if not indicated, at heights indicated below. Keep perimeter lines straight, level, and plumb. Provide grounds, clips, backing materials, adhesives, brackets, anchors, trim, and accessories necessary for complete installation.
 - 1. Mounting Height: 28" inches above finished floor to top of marker tray or as directed by the Architect, and coordinating with the owner regarding the height before installation.

3.4 INSTALLATION OF FACTORY-FABRICATED VISUAL DISPLAY BOARDS AND ASSEMBLIES

- A. Visual Display Boards: Attach concealed clips, hangers, and grounds to wall surfaces and to visual display boards with fasteners at not more than 16 inches o.c. Secure both top and bottom of boards to walls.

3.5 CLEANING AND PROTECTION

- A. Clean visual display surfaces according to manufacturer's written instructions. Attach one cleaning label to visual display surface in each room.
- B. Touch up factory-applied finishes to restore damaged or soiled areas.
- C. Cover and protect visual display surfaces after installation and cleaning.

END OF SECTION 10 11 00

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WEST COLUMBIA, SOUTH CAROLINA

State Project Number: H59-N301-SB | GMC Project Number: ACOL240010 | Date: 12/15/2025

SECTION 123661.16 - SOLID SURFACING COUNTERTOPS (Addendum 02, 03/11/2026)

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Solid surface material wall covering.

B. Related Requirements:

1. Section 079200 "Joint Sealants"
2. Section 092216 "Non-structural Metal Framing"
3. Section 092900 "Gypsum Board"

C. Definitions:

1. Solid Surface: Non-porous, homogeneous material maintaining the same composition throughout the part with a composition of acrylic polymer, aluminum trihydrate filler and pigment.

1.2 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1. Arrange preinstallation conference 1 week prior to commencing work with all parties associated with trade as designated in Contract Documents or as requested by Architect. Presided over by Contractor, include Architect who may attend, Subcontractor performing work of this trade, Owner's representative, testing company's representative and consultants of applicable discipline. Review Contract Documents for work included under this trade and determine complete understanding of requirements and responsibilities relative to work included, storage and handling of materials, materials to be used, installation of materials, sequence and quality control, Project staffing, restrictions on areas of work and other matters affecting construction, to permit compliance with intent of work of this Section.

1.3 ACTION SUBMITTALS

A. Product Data: For countertop materials.

B. Shop Drawings: For vertical wall with solid surface. Show materials, finishes, edge and backsplash profiles, methods of joining, and cutouts for plumbing fixtures.

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1. Show locations and details of joints.
 2. Show direction of directional pattern, if any.
- C. Samples for Initial Selection: For each type of material exposed to view.
1. Provide hard copy of manufacturer's catalog or material/ color selection charts in Adobe PDF format. Owner will review and return with written selection of finishes for sample submittals. Refer to Section 013300 "Submittal Procedures", 1.5 Submittal Administrative Requirements for submittals' requirements.
- D. Samples for Verification: Provide samples for the following products:
1. Solid surface material, **6 inches (150 mm)** square.
 2. Wood trim, **8 inches (200 mm)** long.
 3. One full-size solid surface material countertop, with front edge and backsplash, **8 by 10 inches (200 by 250 mm)**, of construction and in configuration specified.

1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For fabricators/installers.

1.5 CLOSEOUT SUBMITTALS

- A. Maintenance Data: Submit manufacturer's care and maintenance data, including repair and cleaning instructions. Include in Project closeout documents.

1.6 QUALITY ASSURANCE

- A. Fabricator/Installer Qualifications: Shop that employs skilled workers who custom-fabricate countertops similar to that required for this Project, and whose products have a record of successful in-service performance.
1. The fabricator is to have a minimum of **five (5)** consecutive years of experience in the type and quality of casework shown on the drawings and specified herein.

1.7 DELIVERY, STORAGE AND HANDLING

- A. Delivery and Acceptance Requirements: Deliver no components to Project site until areas are ready for installation.
- B. Storage and Handling Requirements:
1. Store components indoors prior to installation.
 2. Handle materials to prevent damage to finished surfaces.

1.8 FIELD CONDITIONS

- A. Field Measurements: Verify dimensions of countertops by field measurements after base cabinets are installed but before countertop fabrication is complete.

1.9 COORDINATION

- A. Coordinate locations of utilities that will penetrate countertops or backsplashes.

PART 2 - PRODUCTS

2.1 SOLID SURFACE MATERIAL WALL COVERING

- A. **Manufacturers:** Products of following manufacturers are acceptable subject to conformance to requirements of Drawings, Schedules and Specifications:
 - 1. Corian® by DuPont;
 - 2. Wilsonart Engineered Surfaces.
- B. Quality Standard: Comply with AWI Section requirements for Custom Grade for Countertops.
- C. Type: Provide Standard type unless Special Purpose type is indicated.
- D. Flammability: Class 1 and A when tested to UL 723.
- E. Colors and Patterns: **To be selected by Owner.**
 - 1. To be selected by owner from the full range of manufacturers' standard colors.
- F. Provide and install 3-inch diameter grommets above each electrical and data outlets. Color of grommets shall match finish of adjacent surface of countertop. Surfaces of grommet shall be smooth and rounded to prevent wear and damage to cable and wire.
 - 1. Locate all grommets in submittals for review by the Architect.

2.2 FABRICATION

- A. Wall Covering:
 - 1. 1/4-inch- (6-mm-) thick, solid surface material.
- B. Fabricate tops with shop-applied edges unless otherwise indicated. Comply with solid surface material manufacturer's written instructions for adhesives, sealers, fabrication, and finishing.
- C. Joints:

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1. Fabricate wall covering without joints.
- D. Cutouts and Holes:
1. Provide vertical edges, slightly eased at juncture of cutout edges with top and bottom surfaces of countertop and projecting **3/16 inch (5 mm)** into fixture opening.
 2. Wall-Mounted Plumbing Fixtures: Prepare countertops in shop for field cutting openings for counter-mounted fixtures. Mark tops for cutouts and drill holes at corners of cutout locations. Make corner holes of largest radius practical.
- E. Fabrication Tolerances:
1. Variation in Component Size: $\pm 1/8"$.
 2. Location of Openings: $\pm 1/8"$ from indicated location.

2.3 INSTALLATION MATERIALS

- A. Adhesive: Product recommended by solid surface material manufacturer.
- B. Sealant for Countertops: Comply with applicable requirements in Section 079200 "Joint Sealants."
- C. Screws: Product recommended by L-profile bracket manufacturer.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates to receive solid surface material countertops and conditions under which countertops will be installed, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of countertops.
- B. Verify actual site dimensions and location of adjacent materials prior to commencing work.
- C. Examine cabinets upon which counter tops are to be installed. Verify cabinets are level to within $1/8"$ in $10' - 0"$.
- D. Notify Architect in writing of any conditions which would be detrimental to installation.
- E. Proceed with installation only after unsatisfactory conditions have been corrected.
- F. Evaluation and Assessment: Commencement of work implies acceptance of previously completed work.

3.2 INSTALLATION

- A. Install vertical level to a tolerance of **1/8 inch in 8 feet (3 mm in 2.4 m)**, **1/4 inch (6 mm)** maximum. Do not exceed **1/64-inch (0.4-mm)** difference between planes of adjacent units.
- B. Fasten subtops to cabinets by screwing through subtops into cornerblocks of base cabinets. Shim as needed to align subtops in a level plane.
- C. Secure solid surface material to subtops with adhesive according to solid surface material manufacturer's written instructions. Align adjacent surfaces and, using adhesive in color to match countertop, form seams to comply with manufacturer's written instructions. Carefully dress joints smooth, remove surface scratches, and clean entire surface.
- D. Fabricate field joints using manufacturer's recommended adhesive, with joints being inconspicuous in finished work. **Exposed joints/seams are not permitted.** Keep components and hands clean when making joints. Reinforce field joints as specified herein. Cut and finish component edges with clean, sharp returns.
 1. Clamp units to temporary bracing, supports, or each other to ensure that countertops are properly aligned and joints are of specified width.
- E. Complete cutouts not finished in shop. Mask areas of countertops adjacent to cutouts to prevent damage while cutting. Make cutouts to accurately fit items to be installed, and at right angles to finished surfaces unless beveling is required for clearance. Ease edges slightly to prevent snipping.
 1. Seal edges of cutouts in particleboard subtops by saturating with varnish.
- F. Apply sealant to gaps at walls; comply with Section 079200 "Joint Sealants."

END OF SECTION 123661.16