



MILNET ARCHITECTURAL SERVICES, PLLC
608 SOUTH 12TH ST.
McALLEN, TEXAS 78501

ADDENDUM NUMBER: #5

Date: March 31, 2025

Project Name: LRGVDC Valley Metro Edinburg Transit Terminal
Office Building 1st Floor Finish-Out Phase III

Milnet Project No.: 224004

Date: March 31, 2025

Proposal Date: April 1, 2025

Architect: Milnet Architectural Services, PLLC
608 S. 12th St.
McAllen, TX 78501



NOTICE TO ALL BIDDERS

This Addendum forms a part of the Contract Document and modifies the original Drawings issued for bid, March 12, 2025 to the extent noted herein.

Careful note of this Addendum shall be taken by all parties of interest so that proper allowance is made in all computations, estimates and contracts and so that all trades affected are fully advised in the performance of work that will be required by them. Acknowledge receipt of this addendum by inserting its number and date of issue in the place provided for same in the proposal.

Items revised on the Drawings are designated by a cloud line and triangle surrounding the corresponding revision number.

This Addendum supersedes all previous Drawings, Specifications and instructions pertaining to these items. It is imperative that this addendum be inserted INTO set of specifications.

5.01 CORRECTION: ADD SPEC SECTIONS 09 65 19 & 09 68 00

END OF ADDENDUM

SECTION 09 65 19 - RESILIENT FLOOR TILE

PART 1 – GENERAL

1.1 COORDINATION

- A. The General Conditions of the Contract for Construction and the Supplementary Conditions to the General Conditions of the Contract for Construction shall be considered as part of this section of the specifications.
- B. Each Bidder shall be responsible for determining during the bidding period the extent that any addenda issued during the bidding period may affect this section of the specifications.
- C. Reference Instructions to Bidders for requirements regarding substitutions of materials and products.
- D. Where conflicts occur between the drawings and specifications, between different drawings, between different portions of this section of the specifications, or between different sections of the specifications, the more stringent requirements and the greater quantity shall apply.

1.2 SUMMARY

- A. Section Includes:
 - 1. Luxury vinyl tile (LVT).
- B. Related Sections:
 - 1. Section 09 65 13 "Resilient Wall Base and Accessories" for resilient base, reducer strips, and other accessories installed with resilient floor coverings.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Shop Drawings: For each type of floor tile. Include floor tile layouts, edges, columns, doorways, enclosing partitions, built-in furniture, cabinets, and cutouts.
 - 1. Show details of special patterns.
- C. Samples for Initial Selection: For each type of floor tile indicated.
- D. Product Schedule: For floor tile. Use same designations indicated on Drawings.

1.4 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For each type of floor tile to include in maintenance manuals.

1.5 QUALITY ASSURANCE

- A. Fire-Test-Response Characteristics: As determined by testing identical products according to ASTM E 648 or NFPA 253 by a qualified testing agency.
 - 1. Critical Radiant Flux Classification: Class I, not less than 0.45 W/sq. cm.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store floor tile and installation materials in dry spaces protected from the weather, with ambient temperatures maintained within range recommended by manufacturer, but not less than 50 deg F (10 deg C) or more than 90 deg F (32 deg C). Store floor tiles on flat surfaces.

1.7 PROJECT CONDITIONS

- A. Maintain ambient temperatures within range recommended by manufacturer, but not less than 70 deg F (21 deg C) or more than 95 deg F (35 deg C), in spaces to receive floor tile during the following time periods:
 - 1. 48 hours before installation.
 - 2. During installation.
 - 3. 48 hours after installation.
- B. Until Substantial Completion, maintain ambient temperatures within range recommended by manufacturer, but not less than 55 deg F (13 deg C) or more than 95 deg F (35 deg C).
- C. Close spaces to traffic during floor tile installation.
- D. Close spaces to traffic for 48 hours after floor tile installation.
- E. Install floor tile after other finishing operations, including painting, have been completed.

PART 2 – PRODUCTS

2.1 LUXURY VINYL TILE (LVT)

- A. Products: Subject to compliance with requirements, provide one of the following:
 - 1. Mohawk Group (Basis of Design)
 - 2. Mannington Mills, Inc.
 - 3. Bolyu
- B. Tile Standard: ASTM 1700, Class III, Type A
- C. Gauge: 0.10" (2.5mm)
- D. Wear layer: 20 mil (0.5mm)
- E. Size: The following sizes are basis of design. Variations to these shall be submitted for review and approval 10 calendar days PRIOR to bid date. To be considered as equal to basis of design, substitute products must approximate pattern and color line of the LVT specified above. Requests for substitutions that do not submit complete, straightforward, and referenced information for product comparison will be considered non-responsive and rejected without further notice. Basis of Design as follows:
 - 1. Global Entry Collection - Matuto at Offices, Lobby & Hallways: 12" X 24"
 - 2. Global Entry Collection - Morikato Wood series at Basketball Courts: 7" X 48"
- F. Provide LVT pieces (circles, strips, feature strips, 3 pt arc and free throw lane) required for 84' X 50' Basketball courts. Coordinate with sports striping drawings. Must meet UIL Standards.
- G. Colors at Offices, Lobby, Hallways: Four color pattern. To be selected by the Architect.
- H. Colors at basketball courts: Four color pattern. To be selected by the Architect.

2.2 INSTALLATION MATERIALS

- A. Trowelable Leveling and Patching Compounds: Latex-modified, portland cement based or blended hydraulic-cement-based formulation provided or approved by manufacturer for applications indicated.
- B. Adhesives: Water-resistant type recommended by manufacturer to suit floor tile and substrate conditions indicated.
 - 1. Adhesives shall comply with the following limits for VOC content when calculated according to 40 CFR 59, Subpart D (EPA Method 24):
 - a. VCT and Asphalt Tile Adhesives: Not more than 50 g/L.
 - 2. LVT Adhesive shall be from manufacturer's products as required and installed in accordance with manufacturer's requirements.
- C. Floor Polish: Provide protective liquid floor polish products as recommended by manufacturer.

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.
- B. 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 floor tile.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Prepare substrates according to manufacturer's written instructions to ensure adhesion of resilient products.
- B. Concrete Substrates: Prepare according to ASTM F 710.
 - 1. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.
 - 2. Remove substrate coatings and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, using mechanical methods recommended by manufacturer. Do not use solvents.
 - 3. Alkalinity and Adhesion Testing: Perform tests recommended by manufacturer. Proceed with installation only after substrates pass testing.
 - 4. Moisture Testing: Perform tests recommended by manufacturer and as follows. Proceed with installation only after substrates pass testing.
 - a. Perform relative humidity test using in situ probes, ASTM F 2170. Proceed with installation only after substrates have a maximum 75% relative humidity level measurement.
- C. Fill cracks, holes, and depressions in substrates with trowelable leveling and patching compound and remove bumps and ridges to produce a uniform and smooth substrate. Floorstone as required to achieve working conditions.
- D. Do not install floor tiles until they are same temperature as space where they are to be installed.
 - 1. Move resilient products and installation materials into spaces where they will be installed at least 48 hours in advance of installation.
- E. Sweep and vacuum clean substrates to be covered by resilient products immediately before installation.

3.3 FLOOR TILE INSTALLATION

- A. Comply with manufacturer's written instructions for installing floor tile.
- B. Lay out floor tiles from center marks established with principal walls, discounting minor offsets, so tiles at opposite edges of room are of equal width. Adjust as necessary to avoid using cut widths that equal less than one-half tile at perimeter.
 - 1. Lay tiles square with room axis in pattern indicated.
- C. Match floor tiles for color and pattern by selecting tiles from cartons in the same sequence as manufactured and packaged, if so numbered. Discard broken, cracked, chipped, or deformed tiles.
 - 1. Lay tiles with grain direction alternating in adjacent tiles (basket-weave pattern) and in pattern of colors and sizes indicated.
- D. Scribe, cut, and fit floor tiles to butt neatly and tightly to vertical surfaces and permanent fixtures including built-in furniture, cabinets, pipes, outlets, and door frames.
- E. Extend floor tiles into toe spaces, door reveals, closets, and similar openings. Extend floor tiles to center of door openings.
- F. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on floor tiles as marked on substrates. Use chalk or other nonpermanent, nonstaining marking device.
- G. Adhere floor tiles to flooring substrates using a full spread of adhesive applied to substrate to produce a completed installation without open cracks, voids, raising and puckering at joints,

telegraphing of adhesive spreader marks, and other surface imperfections.

3.4 CLEANING AND PROTECTION

- A. Comply with manufacturer's written instructions for cleaning and protection of floor tile.
- B. Perform the following operations immediately after completing floor tile installation:
 - 1. Remove adhesive and other blemishes from exposed surfaces.
 - 2. Sweep and vacuum surfaces thoroughly.
 - 3. Damp-mop surfaces to remove marks and soil.
- C. Protect floor tile products from marks, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.
- D. Floor Polish: Remove soil, visible adhesive, and surface blemishes from floor tile surfaces before applying liquid floor polish.
 - 1. Apply five coats.
- E. Cover floor tile until Substantial Completion.
 - 1. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents. Furnish quantity not less than 5 percent for each color, pattern, and type of tile installed.

END OF SECTION

SECTION 09 68 00 – CARPET

PART 1 – GENERAL

1.1 COORDINATION

- A. The General Conditions of the Contract for Construction and the Supplementary Conditions to the General Conditions of the Contract for Construction shall be considered as part of this section of the specifications.
- B. Each Bidder shall be responsible for determining during the bidding period the extent that any addenda issued during the bidding period may affect this section of the specifications.
- C. Reference Instructions to Bidders for requirements regarding substitutions of materials and products.
- D. Where conflicts occur between the drawings and specifications, between different drawings, between different portions of this section of the specifications, or between different sections of the specifications, the more stringent requirements and the greater quantity shall apply.

1.2 SUMMARY

- A. Section Includes:
 - 1. Carpet (broadloom).
 - 2. 24x24 Carpet Tiles.
 - 3. Accessories.
- B. Related Documents: The Contract Documents, as defined in Section 01 11 00 - Summary of Work, apply to the Work of this Section. Additional requirements and information necessary to complete the Work of this Section may be found in other documents.
- C. Related Sections:
 - 1. Section 09 65 00 - Resilient Flooring: Tile and base.
 - 2. Section 14 20 00 - Elevator: Elevator Cab floor finish.

1.3 REFERENCES

- A. American Society for Testing and Materials (ASTM):
 - 1. ASTM E 684 - Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source.
- B. BOCA:
 - 1. FF-1-70.
- C. Carpet and Rug Institute (CRI):
 - 1. CRI 104 - Standard for Installation of Commercial Textile Floorcovering Materials.
 - 2. Green label certification.
- D. HUD:
 - 1. UM44d Standards.
- E. National Fire Protection Association (NFPA):
 - 1. NFPA 253 - Test for Critical Radiant Flux of Floor Covering Systems.
 - 2. NFPA 258 - Standard Research Test Method for Determining Smoke Generation of Solid Materials.

1.4 SYSTEM DESCRIPTION

- A. Recycled content: minimum 50% total recycled content, with not less than 10% post consumer recycled materials and the balance post-industrial recycled materials.
- B. Materials: all materials shall be high quality and of the type generally accepted for use in the industry. When used as intended, the materials shall be non-toxic, non-allergenic and free of similar health hazards. These materials include, but are not limited to, adhesives, cleaners, solvents, etc.
- C. Recyclability: The carpet must be 100% recyclable.
- D. Carpet shall inhibit the growth of fungi, gram-positive and gram-negative bacteria, in accordance with AATCC 138 or AATCC 174, parts 2 and 3. (Provide 3000 ppm of zinc OMADINE® bactericidefungicide.)

1.5 SUBMITTALS

- A. Section 01 33 00 - Submittal Procedures: Procedures for submittals.
 - 1. Product Data: Data on specified products, describing physical characteristics and method of installation.
 - 2. Shop Drawings: Indicate seaming plan, method of joining seams, and direction of carpet.
 - 3. Samples: Submit two samples 13-1/2 inch x 18 inch in size illustrating color and texture.
- B. Procedures for Closeout Submittals:
 - 1. Include the following certifications:
 - a. Stain proof certificate.
 - b. No zippering certificate.
 - c. Carpet and Rug Institute green label certification.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: Company specializing in installing work of this Section with minimum 5 years documented experience.
- B. Regulatory Requirements:
 - 1. NFPA 253 Critical Radiant Flux in Accordance with ASTM E 684: Class 1.
 - 2. NFPA 258 NBS Smoke Chamber: Less than 450 flaming mode.
 - 3. BCA flame spread classification: DOC FF-1(use group R-2 sprinklered).
 - 3. HUD: UM44d Standards.

1.7 ENVIRONMENTAL REQUIREMENTS

- A. Adhesives: No adhesives to be used.
- B. CRI "green label".

1.8 DELIVERY, STORAGE AND HANDLING

- A. Section 01 60 00 - Product Requirements: Transport, handle, store, and protect products.
- B. Deliver carpet in original mill wrappings with register number marked on each bale.

- C. Storage areas shall be secure and dry with temperatures maintained above 65 degrees F at all times.
- D. Remove carpet from its packaging and allow to acclimatize to area of installation 24 hours before application.

1.9 PROJECT CONDITIONS OR SITE CONDITIONS

- A. Environmental Requirements: Do not install carpet unless a constant temperature of at least 65 degrees F. is maintained for 72 hours before, during and 48 hours after application in all areas to receive carpeting.

1.10 WARRANTY

- A. Carpet Manufacturer's Warranty:

Submit a written Warranty, signed by carpet manufacturer and carpet installer agreeing to repair or replace carpet that does not meet requirements or that fails in materials or workmanship, including but not limited to the following:

- A. Delamination.
- B. Edge ravel.
- C. Wear.
- D. Tuft bind.

- 2. Warranty Period: 10 years.

1.11 MAINTENANCE

- A. Maintenance Data: Maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning.

PART 2 – PRODUCTS

2.1 MANUFACTURERS

- A. Subject to compliance with Project requirements, manufacturers offering Products which may be incorporated in the Work include the following:

CARPET TILES AND CARPET:

- 1. Interface, LaGrange, GA. 800-336-0225
- 2. Mohawk Group, Marietta, GA. (800) 554-6637
- 3. Mannington Commercial, Calhoun, GA. (800) 241-2262
- 4. Substitutions: Refer to Section 01600 – Substitution Procedures.

2.2 CARPET ACCESSORIES

- A. Subfloor Filler: Latex underlayment, mixed with undiluted latex liquid furnished by the selected manufacturer. Use one of the following products.

- 1. Levelayer I, by Dayton Superior Corporation, Miamisburg, OH (800) 745-3700.

2. No. 345, by W.W. Henry Company, Orange, CA (800) 447-0216.

3. Approved Substitutions: Refer to Section 01 25 00 – Products and Substitutions.

- B. Tackless Strip: Carpet gripper, of type recommended by carpet manufacturer to suit application, with attachment devices.
- C. Base Gripper: Tackless strip type with special lipped edge; color to match carpet.
- D. Seam Adhesive: Recommended by manufacturer.
- E. Rubber Transition and termination strips: Equal to Johnsonite Specialty Flooring Accessories, color to be selected by Architect
- F. Adhesives: Materials must comply with the toxicity and emission limits specified in Article 1.3 above.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Section 01 70 00 - Execution Requirements: Verification of existing conditions before starting work.
- B. Verification of Conditions: Verify that field measurements, surfaces, substrates and conditions are as required, and ready to receive Work.
- C. Report in writing to Architect prevailing conditions that will adversely affect satisfactory execution of the Work of this Section. Do not proceed with Work until unsatisfactory conditions have been corrected.
- D. By beginning Work, Contractor accepts conditions and assumes responsibility for correcting unsuitable conditions encountered at no additional cost to the Owner.

3.2 PREPARATION

- A. Prepare substrate for product installation in accordance with manufacturer's published instructions.
- B. Subfloor ridges, bumps, and other irregularities. Fill cracks, contraction joints, holes, and depressions with subfloor filler as recommended by manufacturer to achieve smooth, flat hard surface.
- C. Where carpet is installed on existing wood floors, carpet shall be installed directly on existing floors without underlayment.
- D. If carpet is installed on concrete floors, apply subfloor filler and leveler to provide finished concrete surface smooth, with no more than 1/8 inch variation from plane within 10 feet in any direction. Prohibit traffic until subfloor filler is cured.
- E. Remove old adhesive, paint, oils, waxes, sealers and curing compounds not compatible with adhesive to be used. Avoid organic solvents.
- F. Vacuum clean substrate.

3.3 INSTALLATION

- A. General Installation:

1. Install carpet and cushion in accordance with manufacturers instruction and CRI 104.
 2. Verify carpet match before cutting to ensure minimal variation between dye lots.
 3. Lay out carpet.
 - A. Locate seams in area of least traffic, out of areas of pivoting traffic, and parallel to main traffic.
 - B. Do not locate seams perpendicular through door openings.
 - C. Align run of pile in same direction as anticipated traffic and in same direction on adjacent pieces.
 - D. Locate change of color or pattern between rooms under door centerline.
 - E. Provide monolithic color, pattern, and texture match within any one area.
 - F. Extend carpet under removable flanges and furnishings and into alcoves and closets of each space.
 - G. Provide cut outs where required and bind cut edges where not concealed by protective edge guards or overlapping flanges.
 - H. Install with pattern parallel to walls and borders.
 4. Install carpet tight and flat on subfloor, well fastened at edges, with a uniform appearance. Use power stretcher where carpet is greater in length than 20 feet.
 5. Install carpet edge guard where edge of carpet is exposed and anchor guards.
 6. Install carpet by trimming edges, butting cuts with seaming cement, and taping and/or sewing seams to provide sufficient strength for stretching and continued stresses during life of carpet.
 7. Trim edges and butt cuts with seam cement.
 8. Carpet shall be installed directly on floor slab or wood floor with reusable hook/loop tape method using 3M TacFast or approved equal. Double sided tape is not acceptable.
- B. Installation on Interior Steel Stairs:
1. Install tackless strips at back of treads, with pins facing riser, and at bottom of riser, with pins facing tread.
 2. Install cushion on stair treads and lap over nosing.
 3. Install carpet on stairs with the run of the pile in opposite direction of anticipated traffic to avoid peaking of backing at nosings.
 4. Stretch carpet over stair treads, full width in one piece as indicated on plans. Fold carpet under 1 1/2 inches (4 cm) on each side.
- 3.4 FIELD QUALITY CONTROL
- A. Section 01 45 00 - Quality Control: Field inspection.
 - B. Inspect carpet and base installation, seaming, pattern, layout, and attachment to substrate.
- 3.5 CLEANING AND PROTECTION
- A. Comply with CRI 104, Section 15 - Protection of Indoor Installation, and manufacturer's recommended

cleaning procedures and as follows.

- B. Section 01 70 00 - Execution Requirements: Cleaning and protection of installed work.
- C. Vacuum carpet using commercial machine with face-beater element. Remove spots, according to manufacturer's recommendations, and replace carpet where spots cannot be removed. Remove any protruding face yarn using sharp scissors. Final cleaning with HEPA vacuum as required by Section 01 35 00.
- D. Remove and recycle excess material as required by the Construction Waste Management Program, Section 01 56 50.

3.6 SITE ENVIRONMENTAL PROCEDURES

A. Indoor Air Quality:

1. Temporary ventilation: As specified in Section 01 15 00 - Environmental Procedures.

- A. Ventilate products prior to installation. Remove from packaging and ventilate in a secure, dry, well-ventilated space free from strong contaminant sources and residues. Provide a temperature range of minimum 60 degrees F to maximum 90 degree F continuously for minimum 72 hours. Do not ventilate within limits of Work unless otherwise approved by Owner and Architect.

3.7 EXTRA MATERIALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents. Furnish quantity not less than 5 percent for each color, pattern, and type of carpet installed.

END OF SECTION