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PRE-BID MEETING SUMMARY  
AMOCO BUILDING - BASEBOARD HEAT UPGRADE  
OMB/DFM CONTRACT #'S MC1002000365  
ADDENDUM #1

ATTENDEES:

See attached sign in sheet.

GENERAL STATEMENT:

A. The Mandatory Pre-bid meeting was held at the Amoco Building on September 21<sup>st</sup>, 2017 at 11:00 AM.

ITEMS DISCUSSED:

A. Key dates

1. Bid Due – Tuesday October 10, 2017 at 2:00pm in the Thomas Collins Building as described in the Invitation to Bid.
2. Bid Opening – Tuesday October 10, 2017 at 2:00pm.
3. Questions and substitution submission deadline – Monday October 2, 2017.

B. Key topics

1. Bids

- a. The contractor must use the bid bond and bid form supplied in project manual. The bid form must be submitted in triplicate.
- b. Each bidder shall include in their bid a copy of a valid Delaware Business License.
- c. Each bidder shall include signed Affidavit(s) for the Bidder and each listed Subcontractor certifying compliance with OMB Regulation 4104 - "Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on "Large Public Works Projects." "Large Public Works" is based upon the current threshold required for bidding Public Works as set by the Purchasing and Contracting Advisory Council.
- d. Make sure you identify your project name & number (MC1002000365) on the front of your envelope when you submit your bid.
- e. There is a \$10,000 allowance to be included in the base bid for use upon the owner's instructions for any miscellaneous items found during construction. This allowance may only be billed against with the owner's written approval.

2. Building Access

- a. A walk thru will be conducted on Wednesday, September 27, 2017 at 9:00 AM. Please email Matt Lano ([mlano@dedc-eng.com](mailto:mlano@dedc-eng.com)) if you will be attending.



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3. Clarifications

- a. All questions must be submitted in writing and must be faxed to DEDC,LLC Attn: Matt Lano, Fax 302 738-7175 or E-mailed to [mlano@dedc-eng.com](mailto:mlano@dedc-eng.com). Phone calls will not be accepted.
- b. All permits required for this effort to be obtained by the contractor.
- c. Contractor to have full time superintendent or working foreman.
- d. This is a Prevailing Wage project.

C. Subcontractor Listing

1. There are 4 subcontractor listings on this project: Mechanical, Electrical, Controls, Plumbing, and Carpentry/Flooring. These Subcontractors are identified on the attached bid form.
2. Be sure to list your company name if your company is performing this work.
3. All companies listed must be registered in the State of Delaware to perform this work.

D. Meetings

1. There will be progress meetings on this project every 2 weeks on a specific day and time, to be determined at the kick off meeting.
2. Contractors shall provide 3 – week look ahead schedule at each meeting to indicate work areas and shut downs.

E. Specification Revisions

3. Add specification section 01 61 16 - Volatile Organic Compound (VOC) Content Restrictions & 09 65 19 - Resilient Tile Flooring.

F. Addendum #1

1. Pre-Bid Meeting Summary (this document) (2 pages)
2. Sign in sheet (1 page)
3. Revised Bid Form (5 pages)
4. Spec Sections (7 pages)
  - a. 01 61 16 - Volatile Organic Compound (VOC) Content Restrictions
  - b. 09 65 19 - Resilient Tile Flooring

Summarized By: DEDC, LLC  
Matt Lano

Date: September 21, 2017

STATE OF DELAWARE  
 Amoco Building - Baseboard Heat Upgrade  
 September 21, 2017

Name	Company	Phone	Fax	E-mail
Matt Lano	DEDC	302-738-7172	302-738-7175	<a href="mailto:mlano@dedc-eng.com">mlano@dedc-eng.com</a>
Robert DelCampo	DFM	302-739-5644	302-739-6148	<a href="mailto:robert.delcampo@state.de.us">robert.delcampo@state.de.us</a>
Donny Jones	Gaudelli Bros.	856-825-0636		<a href="mailto:angelo@gaudellibros.com">angelo@gaudellibros.com</a>
Drew Silch	GEM Mechanical	610-361-9667	610-61-9677	<a href="mailto:drew@gemmsi.com">drew@gemmsi.com</a>
Matt Bailey	Power Plus Electrical Contracting, Inc.	302 736 5070	302 736 5120	<a href="mailto:mattb337@gmail.com">mattb337@gmail.com</a>
Stacey Bush	Amakor Inc	302 834 8669	302 834 8681	<a href="mailto:amakor@aol.com">amakor@aol.com</a>
Haley Bolden	Summit Mechanical, Inc.	302 836 8814	302 836 8819	<a href="mailto:hayley@summitmechanical.org">hayley@summitmechanical.org</a>
Marly Clark	Schlosser & Associates	302 738 7333	302 738 5692	<a href="mailto:abakersa@hotmail.com">abakersa@hotmail.com</a>
Jose Waybright	East Coast Plumbing/HVAC	302 250 1583	302 266 0532	<a href="mailto:jose@ecph.net">jose@ecph.net</a>



AMOCO BUILDING - BASEBOARD HEAT UPGRADE  
NEW CASTLE, DELAWARE  
OMB/DFM# MC1002000365

BID FORM

I/We acknowledge Addendums numbered \_\_\_\_\_ and the price(s) submitted include any cost/schedule impact they may have.

This bid shall remain valid and cannot be withdrawn for thirty (30) days from the date of opening of bids (60 days for School Districts and Department of Education), and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid.

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within \_\_\_\_\_ calendar days of the Notice to Proceed.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am / We are an Individual / a Partnership / a Corporation

By \_\_\_\_\_ Trading as \_\_\_\_\_  
(Individual's / General Partner's / Corporate Name)  
\_\_\_\_\_  
(State of Corporation)

Business Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Witness:** \_\_\_\_\_ **By:** \_\_\_\_\_  
(SEAL) ( Authorized Signature )  
\_\_\_\_\_  
( Title )  
**Date:** \_\_\_\_\_

ATTACHMENTS

- Sub-Contractor List
- Non-Collusion Statement
- Affidavit(s) of Employee Drug Testing Program
- Bid Security
- (Others as Required by Project Manuals)

AMOCO BUILDING - BASEBOARD HEAT UPGRADE  
NEW CASTLE, DELAWARE  
OMB/DFM# MC1002000365

**BID FORM**

**SUBCONTRACTOR LIST**

In accordance with Title 29, Chapter 6962 (d)(10)b Delaware Code, the following sub-contractor listing must accompany the bid submittal. The name and address of the sub-contractor **must be listed for each category** where the bidder intends to use a sub-contractor to perform that category of work. In order to provide full disclosure and acceptance of the bid by the *Owner*, **it is required that bidders list themselves as being the sub-contractor for all categories where he/she is qualified and intends to perform such work.** This form must be filled out completely with no additions or deletions. **Note that all subcontractors listed below must have a signed Affidavit of Employee Drug Testing Program included with this bid.**

<u>Subcontractor Category</u>	<u>Subcontractor</u>	<u>Address (City &amp; State)</u>	<u>Subcontractors tax payer ID # or Delaware Business license #</u>
1. MECHANICAL	_____	_____	_____
2. ELECTRICAL	_____	_____	_____
3. CONTROLS	_____	_____	_____
4. PLUMBING	_____	_____	_____
5. CARPENTRY/ FLOORING	_____	_____	_____

**BID FORM**  
**NON-COLLUSION STATEMENT**

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date to the Office of Management and Budget, Division of Facilities Management.

All the terms and conditions of OMB/DFM# MC1002000365 have been thoroughly examined and are understood.

**NAME OF BIDDER:** \_\_\_\_\_

**AUTHORIZED REPRESENTATIVE  
(TYPED):** \_\_\_\_\_

**AUTHORIZED REPRESENTATIVE  
(SIGNATURE):** \_\_\_\_\_

**TITLE:** \_\_\_\_\_

**ADDRESS OF BIDDER:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**E-MAIL:** \_\_\_\_\_

**PHONE NUMBER:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

AMOCO BUILDING - BASEBOARD HEAT UPGRADE  
NEW CASTLE, DELAWARE  
OMB/DFM# MC1002000365

**AFFIDAVIT  
OF  
EMPLOYEE DRUG TESTING PROGRAM**

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite that complies with this regulation:

**Contractor/Subcontractor Name:** \_\_\_\_\_

**Contractor/Subcontractor Address:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Authorized Representative (typed or printed):** \_\_\_\_\_

**Authorized Representative (signature):** \_\_\_\_\_

**Title:** \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**

**SECTION 01 61 16**  
**VOLATILE ORGANIC COMPOUND (VOC) CONTENT RESTRICTIONS**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Requirements for Indoor-Emissions-Restricted products.
- B. Requirements for VOC-Content-Restricted products.

**1.02 RELATED REQUIREMENTS**

- A. Section 01 30 00 - Administrative Requirements: Submittal procedures.
- B. Section 01 40 00 - Quality Requirements: Procedures for testing and certifications.
- C. Section 01 60 00 - Product Requirements: Fundamental product requirements, substitutions and product options, delivery, storage, and handling.

**1.03 DEFINITIONS**

- A. Indoor-Emissions-Restricted Products: All products in the following product categories, whether specified or not:
  - 1. Interior paints and coatings.
  - 2. Interior adhesives and sealants, including flooring adhesives.
  - 3. Flooring.
  - 4. Products making up wall and ceiling assemblies.
- B. VOC-Content-Restricted Products: All products in the following product categories, whether specified or not:
  - 1. Interior paints and coatings.
  - 2. Interior adhesives and sealants, including flooring adhesives.
- C. Interior of Building: Anywhere inside the exterior weather barrier.
- D. Adhesives: All gunnable, trowelable, liquid-applied, and aerosol adhesives, whether specified or not; including flooring adhesives, resilient base adhesives, and pipe jointing adhesives.
- E. Sealants: All gunnable, trowelable, and liquid-applied joint sealants and sealant primers, whether specified or not; including firestopping sealants and duct joint sealers.
- F. Inherently Non-Emitting Materials: Products composed wholly of minerals or metals, unless they include organic-based surface coatings, binders, or sealants; and specifically the following:
  - 1. Concrete.
  - 2. Clay brick.
  - 3. Metals that are plated, anodized, or powder-coated.
  - 4. Glass.
  - 5. Ceramics.
  - 6. Solid wood flooring that is unfinished and untreated.

**1.04 SUBMITTALS**

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: For each VOC-restricted product used in the project, submit evidence of compliance.

**1.05 QUALITY ASSURANCE**

- A. VOC Content Test Method: 40 CFR 59, Subpart D (EPA Method 24), or ASTM D3960, unless otherwise indicated.
  - 1. Evidence of Compliance: Acceptable types of evidence are:
    - a. Report of laboratory testing performed in accordance with requirements.
- B. Testing Agency Qualifications: Independent firm specializing in performing testing and inspections of the type specified in this section.

## **PART 2 PRODUCTS**

### **2.01 MATERIALS**

- A. All Products: Comply with the most stringent of federal, State, and local requirements, or these specifications.
- B. VOC-Content-Restricted Products: VOC content not greater than required by the following:
  - 1. Adhesives, Including Flooring Adhesives: SCAQMD 1168 Rule.
  - 2. Joint Sealants: SCAQMD 1168 Rule.
  - 3. Paints and Coatings: Each color; most stringent of the following:
    - a. 40 CFR 59, Subpart D.
    - b. SCAQMD 1113 Rule.
    - c. CARB (SCM).

## **PART 3 EXECUTION**

### **3.01 FIELD QUALITY CONTROL**

- A. State of Delaware OMB - Division of Facilities Management reserves the right to reject non-compliant products, whether installed or not, and require their removal and replacement with compliant products at no extra cost to State of Delaware OMB - Division of Facilities Management.
- B. Additional costs to restore indoor air quality due to installation of non-compliant products will be borne by Contractor.

**END OF SECTION**

**SECTION 09 65 19**  
**RESILIENT TILE FLOORING**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Resilient tile flooring.
- B. Installation accessories:
  - 1. Adhesives.
  - 2. Finishes and cleaners.

**1.02 RELATED REQUIREMENTS**

- A. Section 01 61 16 - Volatile Organic Compound (VOC) Content Restrictions: SCS FloorScore certification documentation.
- B. Section 01 74 19 - Construction Waste Management and Disposal.
- C. Section 07 92 00 - Joint Sealants.
- D. Section 07 95 13 - Expansion Joint Cover Assemblies.

**1.03 REFERENCE STANDARDS**

- A. ASTM C109/C109M - Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or (50-mm) Cube Specimens); 2013.
- B. ASTM E648 - Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source; 2015.
- C. ASTM E662 - Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials; 2015a.
- D. ASTM F710 - Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring; 2011.
- E. ASTM F925 - Standard Test Method for Resistance to Chemicals of Resilient Flooring; 2013.
- F. ASTM F1514 - Standard Test Method for Measuring Heat Stability of Resilient Flooring by Color Change; 2003 (Reapproved 2013).
- G. ASTM F1700 - Standard Specification for Solid Vinyl Floor Tile; 2013a.

**1.04 SUBMITTALS**

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Shop Drawings.
- C. Manufacturer's documentation for flooring and accessories:
  - 1. Technical Data.
  - 2. Installation and Maintenance.
  - 3. Warranty.
  - 4. Reclamation Program.
  - 5. Safety Data Sheets (SDS) for accessories.
- D. Selection Samples: Submit manufacturer's complete set of color samples for DEDC, LLC's initial selection.
- E. Verification Samples: Submit two samples, 4 by 4 inch in size illustrating color and pattern for each resilient flooring product specified.

**1.05 DELIVERY, STORAGE, AND HANDLING**

- A. Upon receipt, immediately remove any shrink-wrap and check materials for damage and that the material is of the correct style, color, quantity and run number(s).
- B. Do not double stack pallets.

### **1.06 QUALITY ASSURANCE**

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than ten years of documented experience.

### **1.07 WARRANTY**

- A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.
- B. Provide with manufacturers 10 year warranty.

## **PART 2 PRODUCTS**

### **2.01 MANUFACTURERS**

- A. Metroflor Corporation: [www.aspectaflooring.com](http://www.aspectaflooring.com).
- B. Basis of Design: Mannington Commercial; [www.manningtoncommercial.com](http://www.manningtoncommercial.com) (Amtico LVT - Spacia Wood)
- C. Substitutions: See Section 01 60 00 - Product Requirements.

### **2.02 RESILIENT TILE FLOORING**

- A. Luxury Vinyl Plank and Tile:
  - 1. Physical Properties:
    - a. Construction: Phthalate-free solid plank from 100 percent virgin vinyl.
    - b. Wear Layer Thickness: 20 mil.
    - c. Overall Thickness: 0.98"

### **2.03 ACCESSORIES**

- A. Moldings, Transition and Edge Strips: Same material as flooring.
- B. Adhesives:
  - 1. VOC Content Limits: As specified in Section 01 61 16.
  - 2. Products:
    - a. Metroflor Corporation; Prevail® 3100 Acrylic Spray Adhesive.
    - b. Substitutions: See Section 01 60 00 - Product Requirements.
- C. Finishes and Cleaners:
  - 1. VOC Content Limits: As specified in Section 01 61 16.
  - 2. Products:
    - a. Metroflor Corporation; Prevail® Matte Finish.
    - b. Substitutions: See Section 01 60 00 - Product Requirements.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION .**

- A. Install flooring and accessories after other operations (including painting) have been completed.
- B. Acceptance of Conditions: Carefully examine all installation areas with installer/applicator present, for compliance with requirements affecting work performance.
  - 1. Verify that field measurements, product, adhesives, substrates, surfaces, structural support, tolerances, levelness, temperature, humidity, moisture content level, pH, cleanliness and other conditions are as required by the manufacturer, and ready to receive work.
- C. Verify that substrate is contaminant-free, including old adhesives and abatement chemicals.
- D. Test substrates as required by manufacturer to verify proper conditions exist.
- E. Verify that required floor-mounted utilities are in correct location.

### **3.02 PREPARATION**

- A. Prior to installation, the flooring installer should plan and attend an on-site construction meeting with the General Contractor, Architect and Property Owner to review all requirements and inspect site conditions as outlined in the manufacturer's installation document, as well as to

review the requirements of ASTM F710 and any relevant building codes, or local, state, or national regulations.

- B. Flooring installation should not begin until all site conditions have been assessed, testing has been completed and subfloor conditions have been approved.
- C. Prepare per manufacturer's written instructions, Section 01 70 00, and as follows:
  - 1. Prepare substrates to ensure proper adhesion of Luxury Vinyl Plank & Tile.
  - 2. Concrete Substrates: Prepare substrate per ASTM F710.
    - a. Verify that subfloor is clean, flat, smooth, free of dirt, rust, paint, oil, wax or any contaminant that will interfere with adhesive bonding.
    - b. Mechanically remove substrate coatings that are not compatible with adhesives, such as sealers, curing, hardening or parting compounds, soap, wax, oil, etc.
      - 1) Do not use solvents or adhesive removers.
    - c. Expansion joints, isolation joints, or other moving joints must be honored and must not be filled with underlayment products or other materials, and floor coverings must not be laid over them. Expansion joint covering systems should be detailed by the architect or engineer, and based upon intended usage and aesthetic considerations.
    - d. Surface cracks, grooves, depressions, control joints or other non-moving joints, and other irregularities shall be filled or smoothed with high-quality Portland cement or calcium aluminate based patching or underlayment compound for filling or smoothing, or both.
      - 1) Do not skim-coat large areas with patching compound, especially slick power-troweled surfaces.
      - 2) Sand smooth per manufacturer's instructions.
    - e. Slick surfaces such as power-troweled concrete shall be profiled as needed to allow for a mechanical bond between the adhesive and subfloor.
    - f. Do not use gypsum-based underlayment products and do not skim coat concrete subfloors.
    - g. Self-Leveling Underlayments: Provide a dry and smoothly-sanded underlayment substrate ready for installation of Luxury Vinyl Plank & Tile. Underlayment compound shall be moisture-resistant, mildew-resistant, and alkali-resistant and must have a minimum of 3,000 psi compressive strength per ASTM C109/C109M.
    - h. Lightweight concrete shall have a compressive strength greater than 90 pounds per cubic foot with minimum compression strength of 2,500 psi or greater.

### 3.03 INSTALLATION

- A. Installation per manufacturer's written instructions, Section 01 70 00, and as follows:
  - 1. Layout shall be specified by Architect, Designer or End User.
  - 2. Follow layout and ensure installation reference lines are square.
  - 3. Check cartons for and do not mix dye lots.
  - 4. Expansion Joints: Locate expansion, isolation, and other moving joints prior to installation.
    - a. Do not fill expansion, isolation, and other moving joints with patching compound nor cover with resilient flooring.
    - b. Install movement joint systems per manufacturer's instructions and per Section 07 92 00 and Section 07 95 13.
  - 5. Adhesives: Adhere flooring to substrate using the full spread method resulting in a completed installation without gaps, voids, raised edges, bubbles or any other surface imperfections.
    - a. Select appropriate adhesive, trowel and follow manufacturer's instructions.
    - b. Periodically spot-check transfer of adhesive to back of tile during installation.
    - c. Roll floor with a 100 pound roller to ensure proper transfer of adhesive and bonding.
    - d. Protect floor from traffic per manufacturer's instructions.
    - e. Do not wet mop floor until the adhesive has properly set per written instructions.

### **3.04 FIELD QUALITY CONTROL**

- A. Site tests and inspections per Section 01 40 00 and as follows:
  - 1. Inspect flooring installation for non-conforming work including (but not limited to) the following:
    - a. Lack of adhesion.
    - b. Bubbles, loose tiles or raised edges.
    - c. Dirt and debris underneath flooring.
    - d. Excessive gaps.
    - e. Improper substrate preparation (as indicated by telegraphing).
    - f. Damage to tiles, including: dents/indentations, cuts, cracks, burns or punctures.
- B. Non-conforming work per General Conditions and as follows:
  - 1. Repair or replace damaged material if not acceptable to the DEDC, LLC.

### **3.05 CLEANING**

- A. Waste Management per Section 01 70 00 and Section 01 74 19, and as follows:
  - 1. Coordinate material reclamation program with manufacturer, if applicable.
    - a. Store and return cartons and pallets to manufacturer or recycler for reuse or recycling.
- B. Provide progress cleaning per manufacturer's written instructions, Section 01 70 00, and as follows:
  - 1. Work Areas: Clean areas where work is in progress to the level of cleanliness necessary for proper execution of the work.
    - a. Clean and protect completed construction until Date of Substantial Completion.
    - b. During installation, remove wet adhesive from surface of flooring per manufacturer's instructions.
  - 2. Site: Maintain project site free of waste materials and debris.
- C. Provide final cleaning immediately prior to Date of Substantial Completion inspection per manufacturer's written instructions and Section 01 70 00.
  - 1. Protection: Remove manufacturer's and other installed protection immediately prior to Date of Substantial Completion inspection, unless required otherwise.
  - 2. Clean floor with a neutral 6-8 pH cleaner.

### **3.06 MAINTENANCE**

- A. Initial maintenance per flooring manufacturer's written instructions and as follows:
  - 1. Allow the adhesive to cure for at least 48 hours prior to wet cleaning the floor.
  - 2. Sweep, dust mop or vacuum the floor thoroughly to remove all loose dirt, dust, grit and debris. Do not use vacuums with a beater bar assembly.
  - 3. Remove any dried adhesive residue from the surface with mineral spirits applied to a clean, lint-free cloth.
  - 4. Damp mop the floor using a cleaner recommended by the flooring manufacturer.
  - 5. If necessary, scrub the floor using an auto scrubber or rotary machine (300 rpm or less) with a cleaner recommended by the flooring manufacturer. Maintain the proper dilution ratio and use the appropriate scrubbing brush or pad.
  - 6. Thoroughly rinse the entire floor with fresh, clean water. Remove the dirty residue with a wet-vacuum or clean mop and allow the floor to dry completely.

### **3.07 PROTECTION**

- A. Protect materials from construction operations until Date of Substantial Completion or Owner occupancy, whichever occurs first.
  - 1. Protect finished floor from abuse and damage by using heavy non-staining kraft paper, drop cloths or equivalent. Use additional, non-damaging protective materials as needed.
  - 2. Light foot traffic on a newly installed floor can be permitted after 24 hours.
  - 3. Keep heavy traffic and rolling loads off the newly installed LVT flooring for 48 hours.

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4. Protect the floor from rolling loads by covering with protective boards.

**END OF SECTION**