

**MERCER COUNTY SCHOOLS
MERCER COUNTY, WEST VIRGINIA
HUNNICUTT RESTROOM RENOVATIONS
ADDENDUM #2
JUNE 1, 2026
THRASHER PROJECT #T60-11701.01**

TO WHOM IT MAY CONCERN:

A Pre-Bid Conference was held on Tuesday, May 26, 2026, on the above-referenced project, a copy of the sign in sheet is included in this Addendum. The following are clarifications and responses to questions posed by contractors for the above-referenced project.

A. GENERAL

1. Machflow Plus by Saniflow Corp. is an approved substitution for the Warm-Air Hand Dryer
2. Babymedi by Saniflow Corp. is an approved substitution for the Baby Changing Station.

B. SPECIFICATIONS

1. Index has been revised.
2. Add 033935 Concrete Densifier/Sealer/Hardener
3. Add 265101 LED Interior Lighting

C. DRAWINGS

1. Revised A1.01

D. QUESTIONS AND RESPONSES

1. QUESTION

Sheet A1.01 General Note 09; Could additional information be provided on the directive for a deep clean and seal the floor? What type of sealant is being requested?

RESPONSE

Specification attached to this addendum

2. QUESTION

Sheet A1.01 Floor Plans & A4.01 Apron Sink Section Details. Appears furring is being requested. Shall this furred wall be a 2-1/2" light gage metal stud furred wall?

RESPONSE

Stud furred wall does not apply to this project.

3. QUESTION

Sheet A4.01 identifies toilet stall framing. Could addition details on the need for the toilet stall framing be provided?

RESPONSE

The note on A4.01 refers to the aluminum headrail of the overhead-braced toilet partitions.

4. QUESTION

The QMark heaters specified may be delayed since the Marley takeover. Will the owner not enforce damages if this is the case? Or can we substitute a similar Marley Unit? I've called and am still waiting for a response from our supplier.

RESPONSE

The owner is willing to work with the contractor on heater lead times and is open to substitutions, provided the restrooms are operational on the substantial completion date.

5. QUESTION

The bidding documents has been removed from Quest. Were the bidding documents I downloaded from Quest, correct?

RESPONSE

Yes

6. QUESTION

Addendum No. 01 provided a revised A1.01 Plan Sheet with a partial fixture schedule. Requesting the following to be clarified.

1. Will a Urinal and Handicap Urinal be specified?
2. Could the location of the Handicap Urinal be provided?
3. A Handicap Water Closet was identified; will all stalls require a Handicap Water Closet, or shall there be a specified water closet for the regular stalls?
4. The Lavatory is identified as wall hung. The plans identify a four-bowl solid surface countertop with drop-in sinks. Will this be clarified?

RESPONSE

See revised plumbing schedule on sheet A1.01 attached to this addendum.

7. QUESTION

Referring to Question and Response No. 7 in Addendum No. 01: Response; See elevation 3-A and 4-A on Sheet A2.01. The Bidding Documents downloaded from Quest does not include this Plan Sheet, nor was this Plan Sheet titled on the Cover. Will this Plan Sheet and new Sheet Index be provided in Addendum No. 02?

RESPONSE

Revise Response to No. 7 in Addendum No. 01 to read: Elevation 9 and 10 on Sheet A4.01 to receive exterior paint.

8. QUESTION

Referring to Question and Response No. 12 in Addendum No. 01: Response; See Specifications for lighting. The Specifications included Basic Electrical materials, Conductors and Cables, Raceways and Boxes & Enclosed Switches & Circuit Breakers. Could the location of the Lighting Specification be provided?

RESPONSE

Lighting specification attached to this addendum.

9. QUESTION

Will there be a need for the Temporary Office and Temporary Utilities for the office?

RESPONSE

No

10. QUESTION

The Restroom Partitions may be the only long lead-time items that may hinder the Substantial Completion Date. Will Extra Ordinary Measures be required to ensure the restrooms are substantially complete and operational with the (51) fifty-one days from the Notice to Proceed?

RESPONSE

The owner is willing to work with the contractor on lead times and is open to substitutions, provided the restrooms are operational on the substantial completion date.

E. CLARIFICATIONS

As a reminder, bids will be received until 1:30 p.m. on **Friday, June 5, 2026**, at 1403 Honaker Ave, Princeton, West Virginia 24740. Good luck to everyone and thank you for your interest in the project.

Sincerely,

THE THRASHER GROUP, INC.



AMANDA CHEUVRTON, AIA, NCARB
Project Manager



**MERCER COUNTY SCHOOLS
MERCER COUNTY, WEST VIRGINIA
FOR THE
HUNNICUTT STADIUM RESTROOM UPGRADES
THRASHER #T60-11701.01**

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SECTION 033935 - CONCRETE DENSIFIER/SEALER/HARDENER

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Concrete sealer/densifier/hardener.

1.2 RELATED SECTIONS

- A. Section 03 30 00 - Cast-in-Place Concrete: Cast-in-Place Concrete.

1.3 SYSTEM

- A. Description: A sealer/densifier/hardener that will react with concrete surfaces to produce a dense, hydrophobic, insoluble, moisture barrier to seal out contaminants, while hardening and densifying surface.
- B. Design Criteria:
 - 1. ACI 302 Class 1 through 4 concrete floors.
 - 2. May be used on Class 5 and 6 floors when used with mineral or metallic aggregate hardeners and toppings, and Class 9, Super-flat floors.
 - 3. Complies with all Federal and State VOC requirements.
 - 4. Independent Test Data, ASTM C 779, Procedure A, reduction of surface abrasion by 50% or more at the 30 minute time interval.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Samples: Furnish representative samples if requested by the Architect.
- D. Project Specific Information:
 - 1. Test reports.
 - 2. Certificate of rate of application.
 - 3. Signed warranty.
- E. Application Rate: From Installer, based on project requirements.

1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum 5 year experience manufacturing similar products.
- B. Installer Qualifications: Minimum 2 year experience installing similar products.
 - 1. Approved in writing by manufacturer.
- C. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
 - 1. Finish areas designated by Architect.

2. Do not proceed with remaining work until workmanship is approved by Architect.
3. Refinish mock-up area as required to produce acceptable work.

1.6 PRE-INSTALLATION MEETINGS

- A. Convene minimum two weeks prior to starting work of this section.
- B. At the Architect's request, technical personnel shall be available for a pre-job conference to review installation procedures.

1.7 DELIVERY, STORAGE AND HANDLING

- A. Deliver to jobsite in sealed, labeled containers.
- B. Store and handle to prevent damage to product and environment.

1.8 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.
- B. Environmental requirements: Comply with applicable VOC and EPA requirements.

1.9 SEQUENCING

- A. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.

1.10 WARRANTY

- A. Warranty: Provide written warranty signed jointly by applicator, manufacturer and contractor. Warrant installation for a period of 10 years from date of substantial completion against dusting from abrasion.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Basis-of-Design Manufacturer: L&M™ Construction Chemicals
- B. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

2.2 CONCRETE SEALER/DENSIFIER/HARDENER

- A. Basis-of-Design Product: SEAL HARD by L&M Construction Chemicals; a solution of 100% active ingredient chemicals which penetrate concrete to seal, densify, dustproof and harden to resist water and oil penetration, and contamination.
 1. Active ingredients: 100 percent.
 2. Type: Alkali Siliconate.
 3. Flash Point: None.
 4. Specific Gravity: 1.155.
 5. VOC: gm/L: 0.

6. Solids minimum: 30 percent.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
- C. Assure surfaces are clean and free of all contaminants, and any film forming curing compounds or sealers.
- D. Existing conditions, prior to installation:
 1. Assure concrete has been cured a minimum of 3 days.
 2. Assure concrete is clean and free of membrane forming curing compounds and/or other sealers.
 3. Concrete is free of laitance, grease, oil and contaminants.
- E. Protect concrete from construction activity staining.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Protection: Protect adjacent surfaces/areas from damage due to over spray; especially glass and painted surfaces.

3.3 INSTALLATION

- A. Apply in accord with manufacturer's instructions:
 1. Apply directly from sealer container onto prepared surfaces, undiluted.
 2. Application equipment: Mechanical "walk-behind" or riding scrubber.
 3. Apply at minimum rate of 1 gallon per 150-200 sq. ft.
 4. Allow surfaces to remain wet with sealer for 30-60 minutes.
 5. Remove excess sealer at end of application procedure by water flushing and then squeegee dry.
 6. Apply in 1 coat typical.
 7. Apply 2 coats to porous or rough concrete surfaces.
 8. Apply 2 coats to floor areas that will be exposed to frequent oil spills.
- B. Leave area broom clean.

3.4 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION

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SECTION 265101 - LED INTERIOR LIGHTING

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. Interior solid-state luminaires that use LED technology.
 - 2. Lighting fixture supports.

1.3 DEFINITIONS

- A. CCT: Correlated color temperature.
- B. CRI: Color Rendering Index.
- C. Fixture: See "Luminaire."
- D. IP: International Protection or Ingress Protection Rating.
- E. LED: Light-emitting diode.
- F. Lumen: Measured output of lamp and luminaire, or both.
- G. Luminaire: Complete lighting unit, including lamp, reflector, and housing.

1.4 ACTION SUBMITTALS

- A. Product Data: For each type of product.
 - 1. Arrange in order of luminaire designation.
 - 2. Include data on features, accessories, and finishes.
 - 3. Include physical description and dimensions of luminaires.
 - 4. Include emergency lighting units, including batteries and chargers.
 - 5. Include life, output (lumens, CCT, and CRI), and energy efficiency data.
 - 6. Photometric data and adjustment factors based on laboratory tests, complying with IESNA Lighting Measurements Testing and Calculation Guides, of each lighting fixture type. The adjustment factors shall be for lamps and accessories identical to those indicated for the lighting fixture as applied in this Project. IES LM-79.
 - a. Manufacturers' Certified Data: Photometric data certified by manufacturer's laboratory with a current accreditation under the National Voluntary Laboratory Accreditation Program for Energy Efficient Lighting Products.

- B. Shop Drawings: For nonstandard or custom luminaires.
 - 1. Include details of luminaire assemblies. Indicate dimensions, weights, loads, required clearances, method of field assembly, components, and location and size of each field connection.
 - 2. Include diagrams for power, signal, and control wiring.
- C. Product Schedule: For luminaires and lamps. Use same designations indicated on Drawings.
- D. Qualification Data: For testing laboratory providing photometric data for luminaires.
- E. Product Certificates: For each type of luminaire.
- F. Sample warranty.

1.5 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: For luminaires and lighting systems to include in operation and maintenance manuals.
 - 1. Provide a list of all lamp types used on Project; use ANSI and manufacturers' codes.

1.6 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - 1. Fixtures: Furnish at least one of each type.
 - 2. Diffusers and Lenses: One for every 100 of each type and rating installed. Furnish at least one of each type.
 - 3. Globes and Guards: One for every 20 of each type and rating installed. Furnish at least one of each type.

1.7 QUALITY ASSURANCE

- A. Luminaire Photometric Data Testing Laboratory Qualifications: Luminaire manufacturer's laboratory that is accredited under the NVLAP for Energy Efficient Lighting Products.
- B. Provide luminaires from a single manufacturer for each luminaire type.

1.8 DELIVERY, STORAGE, AND HANDLING

- A. Protect finishes of exposed surfaces by applying a strippable, temporary protective covering before shipping.

1.9 WARRANTY

- A. Warranty: Manufacturer and Installer agree to repair or replace components of luminaires that fail in materials or workmanship within specified warranty period.
- B. Warranty Period: Five year(s) from date of Substantial Completion.

PRODUCTS

- A. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
- B. NRTL Compliance: Luminaires for hazardous locations shall be listed and labeled for indicated class and division of hazard by an NRTL.
- C. Recessed Fixtures: Comply with NEMA LE 4.
- D. CRI of minimum 80. CCT of 3500 K.
- E. Rated lamp life of 60,000 hours at 70% lumens.
- F. Lamps dimmable 0-10V.
- G. Internal driver. 120-277V.
- H. Switchable lumens 24000/3300/4400.
- I. Switchable color 35/40/50K.

1.10 MATERIALS

- A. Metal Parts:
 - 1. Free of burrs and sharp corners and edges.
 - 2. Sheet metal components shall be steel unless otherwise indicated.
 - 3. Form and support to prevent warping and sagging.
- B. Doors, Frames, and Other Internal Access: Smooth operating, free of light leakage under operating conditions, and designed to permit relamping without use of tools. Designed to prevent doors, frames, lenses, diffusers, and other components from falling accidentally during relamping and when secured in operating position.
- C. Diffusers and Globes:
 - 1. Acrylic Diffusers: One hundred percent virgin acrylic plastic, with high resistance to yellowing and other changes due to aging, exposure to heat, and UV radiation.
 - 2. Glass: Annealed crystal glass unless otherwise indicated.

3. Lens Thickness: At least 0.125 inch minimum unless otherwise indicated.
- D. Factory-Applied Labels: Comply with UL 1598. Include recommended lamps. Locate labels where they will be readily visible to service personnel, but not seen from normal viewing angles when lamps are in place.
 1. Label shall include the following lamp characteristics:
 - a. "USE ONLY" and include specific lamp type.
 - b. Lamp diameter, shape, size, wattage, and coating.
 - c. CCT and CRI for all luminaires.

1.11 METAL FINISHES

- A. Variations in finishes are unacceptable in the same piece. Variations in finishes of adjoining components are acceptable if they are within the range of approved Samples and if they can be and are assembled or installed to minimize contrast.
- B. Seamless aluminum frame.

1.12 LUMINAIRE FIXTURE SUPPORT COMPONENTS

- A. Comply with requirements in Section 16073 "Hangers and Supports for Electrical Systems" for channel and angle iron supports and nonmetallic channel and angle supports.
- B. Single-Stem Hangers: 1/2-inch steel tubing with swivel ball fittings and ceiling canopy. Finish same as luminaire.
- C. Wires: ASTM A 641/A 641 M, Class 3, soft temper, zinc-coated steel, 12 gage.
- D. Rod Hangers: 3/16-inch minimum diameter, cadmium-plated, threaded steel rod.
- E. Hook Hangers: Integrated assembly matched to luminaire, line voltage, and equipment with threaded attachment, cord, and locking-type plug.

PART 2 - EXECUTION

2.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
- B. Examine roughing-in for luminaire to verify actual locations of luminaire and electrical connections before fixture installation. Proceed with installation only after unsatisfactory conditions have been corrected.

2.2 INSTALLATION

- A. Comply with NECA 1.
- B. Install luminaires level, plumb, and square with ceilings and walls unless otherwise indicated.
- C. Install lamps in each luminaire.
- D. Supports:
 - 1. Sized and rated for luminaire weight.
 - 2. Able to maintain luminaire position after cleaning and relamping.
 - 3. Provide support for luminaire without causing deflection of ceiling or wall.
 - 4. Luminaire mounting devices shall be capable of supporting a horizontal force of 100 percent of luminaire weight and vertical force of 400 percent of luminaire weight.

2.3 FIELD QUALITY CONTROL

- A. Perform the following tests and inspections:
 - 1. Operational Test: After installing luminaires, switches, and accessories, and after electrical circuitry has been energized, test units to confirm proper operation.
 - 2. Test for Emergency Lighting: Interrupt power supply to demonstrate proper operation. Verify transfer from normal power to battery power and retransfer to normal.
- B. Luminaire will be considered defective if it does not pass operation tests and inspections.
- C. Prepare test and inspection reports.

2.4 ADJUSTING

- A. Occupancy Adjustments: When requested within 12 months of date of Substantial Completion, provide on-site assistance in adjusting the direction of aim of luminaires to suit occupied conditions. Make up to two visits to Project during other-than-normal hours for this purpose. Some of this work may be required during hours of darkness.
 - 1. During adjustment visits, inspect all luminaires. Replace lamps or luminaires that are defective.
 - 2. Parts and supplies shall be manufacturer's authorized replacement parts and supplies.

END OF SECTION 265101

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