

ADDENDUM NO. 1

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

**Renovate Restrooms and Showers
Whiteman Air Force Base – Readiness Center
Knob Noster, Missouri
PROJECT NO.: T2134-01**

Bid Opening Date: 1:30 PM, Thursday, April 21, 2022 (Not Changed)

Bidders are hereby informed that the construction Plans and/or Specifications are modified as follows:

SPECIFICATION CHANGES:

1. Section 09 67 33 – Resinous Flooring

- a. ADD Paragraph 3.4 Coatings Schedule – Resinous Flooring as follows:

REF-1 changes to EPX-1. EPX-1 system designation changes to the following double-broadcast quartz system:

- A. Surface Preparation: Prepare concrete surfaces in accordance with NACE No. 6/SSPC-SP13 Joint Surface Preparation Standards and ICRI Technical Guidelines. Abrasive blast, shot-blast, water jet or mechanically abrade concrete surfaces to remove laitance, curing compounds, hardeners, existing coatings, sealers and other contaminants and to provide a minimum ICRI-CSP 4-5 surface profile. Large cracks, voids and other surface imperfections should be filled with a recommended filler or surfacer.
- B. Coving: Build Owner desired 4” Rolled Radius Coving using 100% Solids Tnemec Materials
- C. Patching: If required, patch substrate with Tnemec Series 241 Ultra-Tread MVT or Series 244 Ultra-Tread M depending on thickness.
- D. MVT Primer/First Broadcast: Tnemec Series 241 Ultra-Tread MVT applied at 60-70 sqft/kit
 - a. Immediately broadcast Series 241 Ultra-Tread MVT to refusal with Owner Selected Quartz Aggregate
- E. Second Broadcast: Tnemec Series 257 Excellathane SS applied at 100 sqft/gal
 - a. Immediately broadcast Series 257 Excellathane SS to refusal with Owner Selected Quartz Aggregate
- F. Grout: Tnemec Series 257 Excellathane SS applied at 100 sqft/gal
 - 1. Additional grout coats may need to be applied to achieve Owner’s desired finish
- G. Finish: Tnemec Series 248 Everthane applied at 550 sqft/gal
- H. Color: Q205

2. Section 09 91 23 – Interior Painting

- a. DELETE Section 09 91 23 – Interior Painting in its entirety. All coatings are addressed in attached new Section 09 96 00 – High-Performance Coatings.

3. Section 09 96 00 – High-Performance Coatings

- a. ADD attached new Section 09 96 00 – High-Performance Coatings in its entirety.

4. Section 10 21 13 – Toilet Compartments

- a. REVISE Paragraph 2.2-A as follows:

ADD Scranton Products, Hiny Hiders Solid Plastic as an approved product.

5. Section 10 28 00 – Toilet and Bath Accessories

- a. REVISE Paragraphs 2.2-B, 2.3-B, 2.4-B, 2.5-B, 2.6-B, 2.7-B, 2.8-B, 2.9-B, 2.10-B, 2.11-B as follows:

ADD ASI Group as an approved manufacturer.

DRAWING CHANGES:

1. Sheet A-101

- a. ADD the following Notes to 2 / First Floor – Enlarged Plans:

1. In all shower stalls, epoxy floor material shall be sloped to drain with no less than 1/8" per foot slope. Build up area as required to accommodate slope requirement.
2. The toilet stall adjacent to the accessible stall in Female Restroom 155 shall be an ambulatory stall with 32" minimum door swinging out. For this stall add 42" horizontal grab bars and 18" vertical bars on both partition walls. Coordinate with architect for placement.
3. Final placement of new drinking fountain to be coordinated with architect to ensure proper ADA clearance for front approach through door 155. Existing drinking fountain that is removed shall be salvaged for owner use.
4. For mop sink in Custodial Closet 146B, provide 5' high x width of mop sink stainless steel panels on both side walls.

2. Sheet M-101

- a. REVISE First Floor HVAC Plan to add transfer grille from Women's restroom to adjacent corridor. See attached revised plan.

3. Sheet M-103

- a. ADD the following General Note to First Floor New Plumbing Plan Area B – Alt 1:

3. Relocate existing thermostat on south side of Men's shower to allow for new wall construction. Thermostat to be relocated to the southern face of the new wall.

GENERAL COMMENTS:

1. The Pre-Bid Meeting was held April 6, 2022 at 10:00 AM and the sign-in sheet is attached.
2. Please contact Paul Girouard, Contract Specialist, at 573-751-4797 or Paul.Girouard@oa.mo.gov for questions about bidding procedures, MBE\WBE\SDVE Goals, and other submittal requirements.
3. The deadline for technical questions was April 13, 2022 at noon.
4. Changes to, or clarification of, the bid documents are only made as issued in the addenda.
5. All correspondence with respect to this project must include the State of Missouri project number as indicated above.

6. Current Plan holders list available online at <https://www.adsplanroom.net/jobs/1281/plan-holders/t2134-01-renovate-restrooms-showers-whiteman-air-force-base-readiness-center>
7. Prospective Bidders contact American Document Solutions, 1400 Forum Blvd Suite 1C, Columbia MO 65201, 573-446-7768 to order official plans and specifications.
8. **All bids shall be submitted on the bid form without additional terms and conditions, modifications, or stipulations. Each space on the bid form shall be properly filled including a bid amount for each alternate. Failure to do so will result in rejection of the bid.**
9. **MBE/WBE/SDVE participation requirements can be found in DIVISION 00. The MBE/WBE/SDVE participation goals are 10%/10%/3%, respectively. Only certified firms as of the bid opening date can be used to satisfy the MBE/WBE/SDVE participation goals for this project. If a bidder is unable to meet a participation goal, a Good Faith Effort Determination Form must be completed. Failure to complete this process will result in rejection of the bid.**

ATTACHMENTS:

1. Pre-Bid Meeting Sign-In Sheet
2. Section 09 96 00 – High-Performance Coatings
3. Sheet M-101 First Floor HVAC Plan

April 15, 2022

END OF ADDENDUM NO. 1

**Pre-Bid Meeting Attendance Sheet
Renovate Restrooms and Showers
Whiteman Air Force Base – Readiness Center
Knob Noster, MO**

Project No. T2134-01
April 6, 2022 at 10:00 AM

Name & Title	Company Name	Phone	E-Mail Address
Eric Hibdon	OA FMDC	573-522-0322	Eric.Hibdon@oa.mo.gov
Amie Swift	Clark & Eversen		amie.swift@clarkenersen.com
Austin Ruel	Clark & Eversen		Austin.Ruel@clarkenersen.com
Roger Stull	Clark & Eversen	816-550-1891	rstull@clarkenersen.com
Jason Sanders	All Pro Electrical	660-747-0090	jsanders@allproelectrical.com
Ken Reasbeck	PCI	660-429-0100	KREASBECK@PCICON.COM
Travis Minor	Pro-Mechanical	816-550-3609	travis@pro-mechanical.net
Bill Patterson	MegAllie Construction CO	573-230-6961	bill.patterson@MegAllieConstruction.com
Galen Sharp	Bo Electric	913-208-1736	galens@proelect.com
Louise Saladino	Martin Mech	9166454047	Louise@MartinKC.com
Eric Frigg	Frigg Construction	417-887-7134	eric@frigginl.com
Matt Warcham	Westport Construction	660-885-2231	Johnh@wccmo.com
JOHN OKE-THOMAS	OKE-THOMAS ASSOCIATES	417.863.6262	JOHN@OKE-THOMAS.COM
KEM BURNETT	BLACK DOG ENTERPRISES SDVE	816-591-2622	KBURNETT@BLACKDOGKC.COM

**Pre-Bid Meeting Attendance Sheet
 Renovate Restrooms and Showers
 Whiteman Air Force Base – Readiness Center
 Knob Noster, MO**

**Project No. T2134-01
 April 6, 2022 at 10:00 AM**

Name & Title	Company Name	Phone	E-Mail Address
Jon Binning	All Pro Electric	660-580-0065	jbinning@allproelectrical.com
LAWSON SMITH	RED C.S.	816-886-8011	LAWSON.SMITH@REDCS.COM
Cole Tagmeyer	RED C.S.	413-530-3283	Cole.TAGMEYER@REDCS.COM
Greg Slagle	Citadel Electric	816-267-4779	gslagle@citadelelectric.com
Brad Roane	Brown & Root Industrial	573-353-0454	brad.roane@brownandroot.com
Bill Edwards	Mon G Facilities	573-638-9534	billy.j.edwards@6.NFG@army.mil

SECTION 09 96 00 – HIGH-PERFORMANCE COATINGS

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 surface preparation and the application of high-performance coating systems on the following substrates:

- 1. Interior Substrates:

- a. Concrete, vertical and horizontal surfaces.
 - b. Concrete masonry units (CMUs).
 - c. Steel.
 - d. Gypsum board.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product. Include preparation requirements and application instructions.

- 1. Indicate VOC content.

- B. Samples for Initial Selection: For each type of topcoat product indicated.

- C. Samples for Verification: For each type of coating system and each color and gloss of topcoat indicated.

- 1. Submit Samples on rigid backing, 8 inches (200 mm) square.
 - 2. Apply coats on Samples in steps to show each coat required for system.
 - 3. Label each coat of each Sample.
 - 4. Label each Sample for location and application area.

- D. Product List: Cross-reference to coating system and locations of application areas. Use same designations indicated on Drawings and in schedules. Include color designations.

1.4 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials, from the same product run, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. Coatings: 5 percent, but not less than 1 gal. (3.8 L) of each material and color applied.

1.5 QUALITY ASSURANCE

- A. Installer Qualifications: An experienced installer who employs only persons trained and approved by special coatings manufacturer for applying special coatings systems indicated.
 1. Qualifications of installers for special coatings system shall not be less than five years of experience installing specified items. Special coatings installer shall be manufacturer approved and have performed at least ten similar installations.
- B. Single-Source Responsibility: Provide primers and undercoat material produced by the same manufacturer as the finish coats for each type of coating. Use only thinners recommended by the manufacturer and only within recommended limits.
- C. Mock-ups: Apply mock-ups of each coating system indicated to verify preliminary selections made under Sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.
 1. Architect will select one surface to represent surfaces and conditions for application of each coating system.
 - a. Wall and Ceiling Surfaces: Provide samples of at least 100 sq. ft. (9 sq. m).
 - b. Other Items: Architect will designate items or areas required.
 2. Apply mock-ups after permanent lighting and other environmental services have been activated.
 3. Approval of mock-ups does not constitute approval of deviations from the Contract Documents contained in mock-ups unless Architect specifically approves such deviations in writing.
 4. Subject to compliance with requirements, approved mock-ups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store materials not in use in tightly covered containers in well-ventilated areas with ambient temperatures continuously maintained at not less than 45 deg F (7 deg C).
 1. Maintain containers in clean condition, free of foreign materials and residue.
 2. Remove rags and waste from storage areas daily.

1.7 FIELD CONDITIONS

- A. Apply coatings only when temperature of surfaces to be coated and ambient air temperatures are between 50 and 95 deg F (10 and 35 deg C).

- B. Do not apply coatings when relative humidity exceeds 85 percent; at temperatures less than 5 deg F (3 deg C) above the dew point; or to damp or wet surfaces.
- C. Do not apply exterior coatings in snow, rain, fog, or mist.

PART 2 - PRODUCTS

2.1 HIGH-PERFORMANCE COATINGS, GENERAL

A. Material Compatibility:

1. Materials for use within each paint system shall be compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.
2. For each coat in a paint system, products shall be recommended in writing by topcoat manufacturers for use in paint system and on substrate indicated.
3. Products shall be of same manufacturer for each coat in a coating system.

2.2 SOURCE QUALITY CONTROL

A. Testing of Coating Materials: Owner reserves the right to invoke the following procedure:

1. Owner will engage the services of a qualified testing agency to sample coating materials. Contractor will be notified in advance and may be present when samples are taken. If coating materials have already been delivered to Project site, samples may be taken at Project site. Samples will be identified, sealed, and certified by testing agency.
2. Testing agency will perform tests for compliance with product requirements.
3. Owner may direct Contractor to stop applying coatings if test results show materials being used do not comply with product requirements. Contractor shall remove non-complying coating materials from Project site, pay for testing, and recoat surfaces coated with rejected materials. Contractor will be required to remove rejected materials from previously coated surfaces if, on recoating with complying materials, the two coatings are incompatible.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
- B. Maximum Moisture Content of Substrates: When measured with an electronic moisture meter as follows:
 1. Concrete: 12 percent.
 2. Fiber-Cement Board: 12 percent.
 3. Masonry (Clay and CMUs): 12 percent.

4. Wood: 15 percent.
5. Gypsum Board: 12 percent.
6. Plaster: 12 percent.

- C. Gypsum Board Substrates: Verify that finishing compound is sanded smooth.
- D. Plaster Substrates: Verify that plaster is fully cured.
- E. Verify compatibility with and suitability of substrates, including surface conditions and compatibility, with existing finishes and primers.
- F. Proceed with coating application only after unsatisfactory conditions have been corrected.
 1. Application of coating indicates acceptance of surfaces and conditions.
- G. Notify the Architect of problems anticipated using the coatings specified over substrates primed by others.

3.2 PREPARATION

- A. Comply with manufacturer's written instructions and recommendations applicable to substrates and coating systems indicated.
- B. Remove hardware, covers, plates, and similar items already in place that are removable and are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting.
 1. After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection if any.
- C. Clean substrates of substances that could impair bond of coatings, including dust, dirt, oil, grease, and incompatible paints and encapsulants.
 1. Remove incompatible primers and re-prime substrate with compatible primers or apply tie coat as required to produce coating systems indicated.
- D. Concrete Substrates: Remove release agents, curing compounds, efflorescence, and chalk. Do not coat surfaces if moisture content or alkalinity of surfaces to be coated exceeds that permitted in manufacturer's written instructions.
 1. Clean surfaces with pressurized water. Use pressure range of **1500 to 4000 psi (10 350 to 27 580 kPa)** at **6 to 12 inches (150 to 300 mm)**.
 2. Abrasive blast clean surfaces to comply with SSPC-SP 13 / NACE No. 6, "Surface Preparation of Concrete." **Affirm that the surface is free of contaminants prior to abrasive blast, shot-blast, or mechanical abrasion of concrete surface in accordance with SSPC-SP 13 / NACE No. 6 and manufacturer's recommendations.**
- E. Masonry Substrates: Remove efflorescence and chalk. Do not coat surfaces if moisture content, alkalinity of surfaces, or alkalinity of mortar joints exceeds that permitted in manufacturer's written instructions.

1. Clean surfaces with pressurized water. Use pressure range of **100 to 600 psi (690 to 4140 kPa)** at **6 to 12 inches (150 to 300 mm)**.
- F. Steel Substrates: Remove rust, loose mill scale, and shop primer if any. Clean using methods recommended in writing by paint manufacturer but not less than the following:
1. SSPC-SP 7/NACE No. 4, "**Brush-Off Blast Cleaning**".
 2. SSPC-SP 11, "**Power Tool Cleaning to Bare Metal**".
 3. SSPC-SP 6/NACE No. 3.
 4. SSPC-SP 10/NACE No. 2.
 5. SSPC-SP 5/NACE No. 1.
- G. Shop-Primed Steel Substrates: Clean field welds, bolted connections, and areas where shop paint is abraded. Paint exposed areas with the same material as used for shop priming to comply with SSPC-PA 1 for touching up shop-primed surfaces.
- H. Galvanized-Metal Substrates: Remove grease and oil residue from galvanized sheet metal by mechanical methods to produce clean, lightly etched surfaces that promote adhesion of subsequently applied coatings.
- I. Aluminum Substrates: Remove loose surface oxidation.
- J. Wood Substrates:
1. Scrape and clean knots. Before applying primer, apply coat of knot sealer that is recommended in writing by topcoat manufacturer for coating system indicated.
 2. Sand surfaces that will be exposed to view and dust off.
 3. Prime edges, ends, faces, undersides, and backsides of wood.
 4. After priming, fill holes and imperfections in the finish surfaces with filler that is recommended in writing by topcoat manufacturer for coating system indicated. Sand smooth when dried.

3.3 APPLICATION

- A. Apply high-performance coatings according to manufacturer's written instructions and recommendations.
1. Use applicators and techniques suited for coating and substrate indicated.
 2. Coat surfaces behind movable equipment and furniture same as similar exposed surfaces. Before final installation, coat surfaces behind permanently fixed equipment or furniture with prime coat only.
 3. Coat backsides of access panels, removable or hinged covers, and similar hinged items to match exposed surfaces.
 - a. **The term "exposed surfaces" includes areas visible when permanent or built-in fixtures, convactor covers, covers for finned tube radiation, grilles, and similar components are in place. Extend coatings in these areas, as required, to maintain the system integrity and provide desired protection.**
 4. Do not apply coatings over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates.

- B. Tint each undercoat a lighter shade to facilitate identification of each coat if multiple coats of the same material are to be applied. Tint undercoats to match color of finish coat, but provide sufficient difference in shade of undercoats to distinguish each separate coat.
- C. If undercoats or other conditions show through final coat, apply additional coats until cured film has a uniform coating finish, color, and appearance.
- D. Apply coatings to produce surface films without cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness, or other surface imperfections. Produce sharp glass lines and color breaks.
- E. The number of coats and film thickness required is the same regardless of the application method. Do not apply succeeding coats until the previous coat has cured as recommended by the manufacturer. Where sanding is required, according to the manufacturer's directions, sand between applications to produce a smooth, even surface.

3.4 FIELD QUALITY CONTROL

- A. Dry Film Thickness Testing: Owner may engage the services of a qualified testing and inspecting agency to inspect and test coatings for dry film thickness.
 - 1. Contractor shall touch up and restore coated surfaces damaged by testing.
 - 2. If test results show that dry film thickness of applied coating does not comply with coating manufacturer's written recommendations, Contractor shall pay for testing and apply additional coats as needed to provide dry film thickness that complies with coating manufacturer's written recommendations.

3.5 CLEANING AND PROTECTION

- A. At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.
- B. After completing coating application, clean spattered surfaces. Remove spattered coatings by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.
- C. Protect work of other trades against damage from coating operation. Correct damage to work of other trades by cleaning, repairing, replacing, and recoating, as approved by Architect, and leave in an undamaged condition.
- D. At completion of construction activities of other trades, touch up and restore damaged or defaced coated surfaces.
- E. Provide "Wet Paint" signs to protect newly coated finishes.
- F. Refer to the drawings, room finish schedules and notes for paint requirements. Architect shall approve all "match adjacent surfaces" colors before painting begins.

3.6 HIGH-PERFORMANCE COATINGS, GENERAL

- A. Material Compatibility.
1. Provide materials for use within each coating system that are compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.
 2. Provide products of same manufacturer for each coat in a coating system.
- B. VOC Content of Field-Applied Interior Paints and Coatings: Provide products that comply with the following limits for VOC content when calculated according to 40 CFR 59, Subpart D (EPA Method 24):
3. Flat Paints, Coatings, and Primers: VOC content of not more than 50 g/L.
 4. Nonflat Paints, Coatings, and Primers: VOC content of not more than 150 g/L.
 5. Anticorrosive and Anti-Rust Paints Applied to Ferrous Metals: VOC content of not more than 250 g/L.
 6. Clear Wood Finishes, Varnishes: VOC not more than 350 g/L.
 7. Clear Wood Finishes, Lacquers: VOC not more than 550 g/L.
 8. Floor Coatings: VOC not more than 100 g/L.
 9. Shellacs, Clear: VOC not more than 730 g/L.
 10. Shellacs, Pigmented: VOC not more than 550 g/L.
 11. Stains: VOC content of not more than 250 g/L.
 12. Flat Interior Topcoat Paints: VOC content of not more than 50 g/L.
 13. Nonflat Interior Topcoat Paints: VOC content of not more than 150 g/L.
 14. Anti-Corrosive and Anti-Rust Paints Applied to Ferrous Metals: VOC not more than 250 g/L.
 15. Primers, Sealers, and Undercoaters: VOC content of not more than 200 g/L.
 16. Zinc-Rich Industrial Maintenance Primers: VOC content of not more than 340 g/L.
 17. Pre-Treatment Wash Primers: VOC content of not more than 420 g/L.
- C. Chemical Components of Field-Applied Interior Paints and Coatings: Provide topcoat paints and anti-corrosive and anti-rust paints applied to ferrous metals that comply with the following chemical restrictions; these requirements do not apply to paints and coatings that are applied in a fabrication or finishing shop:
1. Aromatic Compounds: Paints and coatings shall not contain more than 1.0 percent by weight of total aromatic compounds (hydrocarbon compounds containing 1 or more benzene rings).
 2. Restricted Components: Paints and coatings shall not contain any of the following:
 - a. Acrolein.
 - b. Acrylonitrile.
 - c. Antimony.
 - d. Benzene.
 - e. Butyl benzyl phthalate.
 - f. Cadmium.
 - g. Di (2-ethylhexyl) phthalate.
 - h. Di-n-butyl phthalate.
 - i. Di-n-octyl phthalate.
 - j. 1,2-dichlorobenzene.
 - k. Diethyl phthalate.
 - l. Dimethyl phthalate.

- m. Ethylbenzene.
- n. Formaldehyde.
- o. Hexavalent chromium.
- p. Isophorone.
- q. Lead.
- r. Mercury.
- s. Methyl ethyl ketone.
- t. Methyl isobutyl ketone.
- u. Methylene chloride.
- v. Naphthalene.
- w. Toluene (methylbenzene).
- x. 1,1,1-trichloroethane.
- y. Vinyl chloride.

D. Colors: Match PT-1 (SW 7005)

E. HIGH-PERFORMANCE COATINGS SCHEDULE

<u>LOCATION</u>	<u>SHEEN</u>	<u>COATINGS SYSTEM</u>
Interior Ferrous Metal	Semi-Gloss	IFM-1X
Interior CMU/Concrete (Epoxy)	High-Performance	PTE-1
Interior Gypsum Drywall (Epoxy)	High-Performance	PTE-1

3.7 INTERIOR HIGH-PERFORMANCE COATING SYSTEMS

A. System IZM-1X for application on Interior Zinc Coated Metal:

1. Semi-Gloss Acrylic Polyurethane: 1 finish coat over 1 intermediate coat and an organic zinc rich primer. (Primer to be applied by metal fabricator in shop.)
2. Metal Primer: Organic primer used to touch-up primed interior zinc-coated metal surfaces.
 - a. Thickness: 2.5 – 3.5 mils.
 - b. PPG Paints: Durethane MCA, 97-699.
 - c. Tnemec: Tneme-Zinc, 90-97.
 - d. Or equal, if and as specifically approved by Architect by Addendum during bidding period.
3. Polyimide Epoxy Intermediate Coat: Weather-resistant epoxy for use over primed, zinc-coated metal surfaces.
 - a. Thickness: 3 – 4 mils.
 - b. PPG Paints: Amercoat 370.
 - c. Tnemec: Tneme-Fascure, Series 161
 - d. Or equal, if and as specifically approved by Architect by Addendum during bidding period.
4. Aliphatic Acrylic Semi-Gloss Polyurethane: Weather-resistant opaque coat for use over primed, zinc-coated metal surfaces:

- a. Thickness: 3 – 4 mils.
- b. PPG Paints: Amercoat 450 HSG.
- c. Tnemec: Endura-Shield, Series 1075.
- d. Or equal, if and as specifically approved by Architect by Addendum during bidding period.

B. System PTE-1 for application on Interior moisture resistant Drywall:

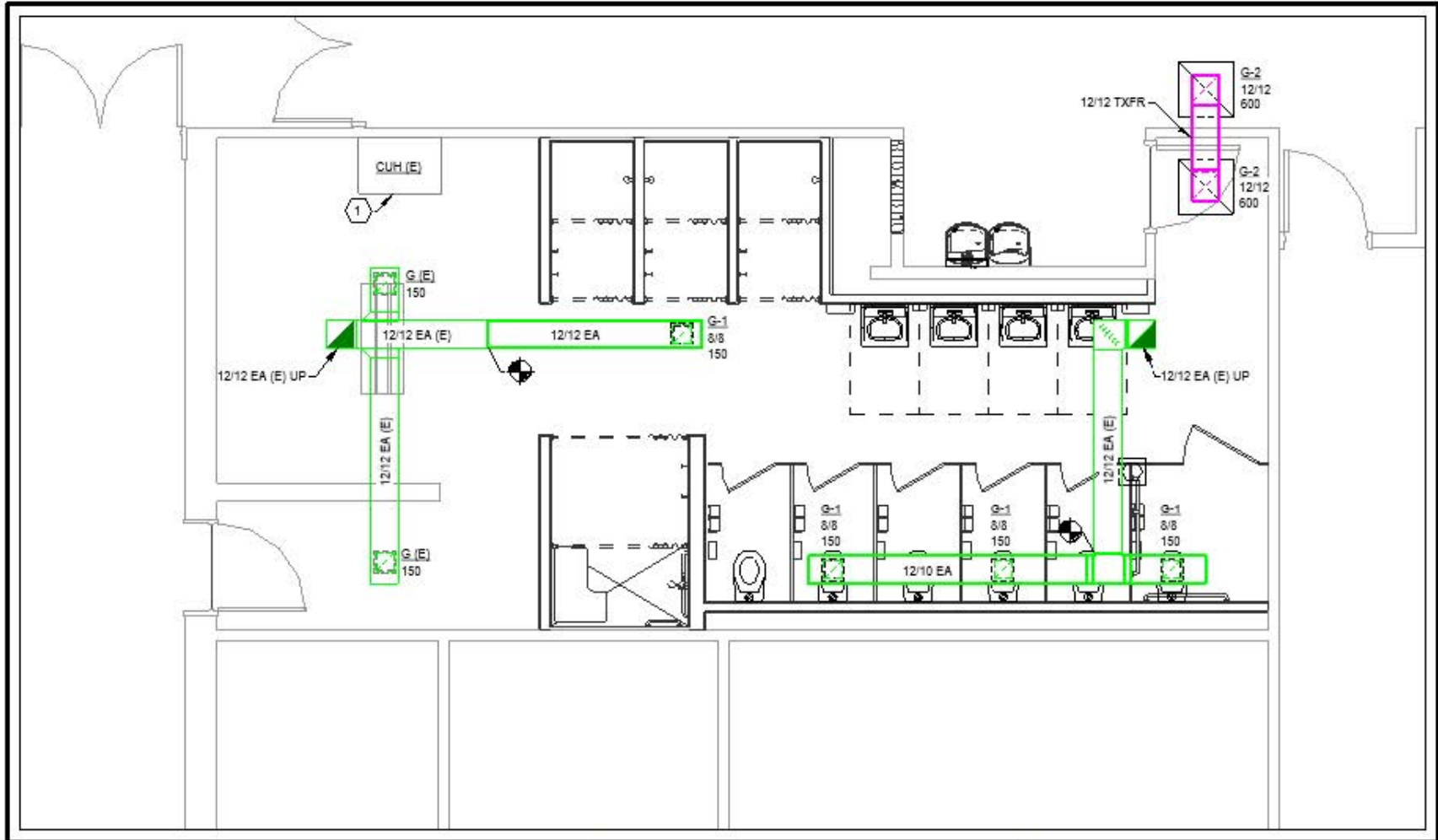
1. As basis of Design, Provide Tnemec Stranlok Mat Layup System over Moisture Resistant Gypsum Drywall:
2. Drywall Joints: Tnemec Series 215 and fiberglass tape or compound suitable for wet environments
3. Primer: Tnemec Series 201 Epoxoprime at 200 sqft/gal
4. Intermediate: Tnemec Series 273 Stranlok ML applied at 150 sqft/gal
5. Immediately Imbed Series 273 Fiberglass Mat into wet material
6. Saturant: Tnemec Series 273 Stranlok ML applied at 200 sqft/gal
7. Grout: Tnemec Series 280 Tneme-Glaze applied at 200 sqft/gal
8. Finish: Tnemec Series 297 Enviro-Glaze applied at 350 sqft
9. Installation/Application: Conform with all Manufacturer's written instructions for surface preparation and system installation/application.
10. Or equal, if and as specifically approved by Architect by Addendum during bidding period.

C. System PTE-1 for application on CMU:

1. As basis of Design, Provide Tnemec Stranlok Mat Layup System CMU:
2. Surface Preparation: Allow mortar to cure for 14 days. Level protrusions and mortar spatter. Must be clean, dry and free of oil, grease and other contaminants.
3. First/Imbedding Coat: Tnemec Series 215 Resurfacing Epoxy applied at 25 sqft/gal
4. Immediately Imbed Series 273 Fiberglass Mat into wet Series 215
5. Saturant: Tnemec Series 273 Stranlok ML applied at 200 sqft/gal
6. Grout: Tnemec Series 280 Tneme-Glaze applied at 200 sqft/gal
7. Finish: Tnemec Series 297 Enviro-Glaze applied at 350 sqft/gal
8. Installation/Application: Conform with all Manufacturer's written instructions for surface preparation and system installation/application.

9. Or equal, if and as specifically approved by Architect by Addendum during bidding period.

END OF SECTION 09 96 00



FIRST FLOOR HVAC PLAN

SCALE: 1/4" = 1'-0"

GENERAL NOTES:

- 1. ALL NEW WORK IS SHOWN IN HEAVY LINEWEIGHT. ALL WORK TO REMAIN AS EXISTING IS SHOWN IN LIGHT LINEWEIGHT.
- 2. REBALANCE EXISTING GRILLES TO NOTED CFM AFTER CONSTRUCTION IS COMPLETE.

KEY NOTES:

- ① EXISTING CABINET UNIT HEATER IS EXISTING TO REMAIN.