NEW YORK STATE | Office of General Services

DESIGN & CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242

ADDENDUM NO. 2 TO PROJECT NO. 46069

CONSTRUCTION, PLUMBING AND ELECTRICAL WORK
REHABILITATE WASTEWATER TREATMENT PLANT
OTISVILLE CORRECTIONAL FACILTY
57 SANITORIUM AVE
OTISVILLE, NY

February 27, 2026

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

BIDDING REQUIREMENTS – COMMON DOCUMENTS

1. DOCUMENT 001114 ADVERTISEMENT FOR BIDS: Paragraph 4: CHANGE Paragraph to Read:
   "Pursuant to Public Buildings Law § 8(6), effective January 11, 2020, for any projects where the project design commenced on or after January 1, 2020 and for any contracts over $5,000 for the work of construction, reconstruction, alteration, repair, or improvement of any State building, a responsible and reliable NYS-certified Minority or Women-Owned Business Enterprise that submits a bid within ten percent of the lowest bid will be deemed the apparent low bidder provided that the bid is $1,737,918 or less, adjusted annually for inflation as of March 1, 2026. If more than one responsible and reliable MWBE firm meets these requirements, the MWBE firm with the lowest bid will be deemed the apparent low bidder."
2. DOCUMENT 002113 INSTRUCTIONS TO BIDDERS: Paragraph 13.5: CHANGE Paragraph to Read:
   "13.5 Pursuant to Public Buildings Law § 8(6), effective January 11, 2020, for any projects where the project design commenced on or after January 1, 2020 and for any contracts over $5,000 for the work of construction, reconstruction, alteration, repair, or improvement of any State building, a responsible and reliable NYS-certified Minority or Women-Owned Business Enterprise that submits a bid within ten percent of the lowest bid will be deemed the apparent low bidder provided that the bid is $1,737,918 or less, adjusted annually for inflation as of March 1, 2026. If more than one responsible and reliable MWBE firm meets these requirements, the MWBE firm with the lowest bid will be deemed the apparent low bidder. Refer to the Advertisement for Bids for applicability of projects subject to this criteria."
3. DOCUMENT 002113 INSTRUCTIONS TO BIDDERS: Paragraph 17: CHANGE "$1,680,923" to read "$1,737,918".

CONSTRUCTION WORK SPECIFICATIONS

4. SECTION 088300 MIRRORS: Add the accompanying Section (pages 088300 – 1 thru 088300 – 4) to the Project Manual.

5. SECTION 099613 PAINTING WASTEWATER TREATMENT PLANT: Discard the Section bound in the Project Manual and substitute the accompanying Section (pages 099613 – 1 thru 099613 – 11) noted "Revised 2/25/2026".

6. SECTION 102800 TOILET and BATH ACCESSORIES: Add the accompanying Section (pages 102800 – 1 thru 102800 – 3) to the Project Manual.

ELECTRICAL WORK SPECIFICATIONS

7. SECTION 260519 LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES: Discard the Section bound in the Project Manual and substitute the accompanying Section (pages 260519 – 1 thru 260519 – 8) noted "Revised 2/25/2025".

CONSTRUCTION WORK DRAWINGS

8. Revised Drawing:
   a. Drawing Nos. C-101, C-111, A-511, A-531, A-571, M-571, and M-572, noted Addendum 2, accompanies this Addendum and supersedes the same numbered previously issued drawings.

ELECTRICAL WORK DRAWINGS

9. Revised Drawing:
   a. Drawing No. E-571, noted Addendum 2 dated 2/25/2026, accompanies this Addendum and supersedes the same numbered previously issued drawing.

END OF ADDENDUM

Brady Sherlock, P.E.
Director, Division of Design
Design and Construction

SECTION 088300 - MIRRORS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Framed Mirror Assembly

1.2 SUBMITTALS

A. Submittals for this section are subject to the re-evaluation fee identified in Article 4 of the General Conditions.

B. Manufacturer’s installation instructions shall be provided along with product data.

C. Product Data: For each type of product.

1. Mirrors: Include description of Frame material and finish, Mirror glass type and thickness, Mounting system, Shelf configuration (if applicable).

1.3 QUALITY ASSURANCE

A. Installer Qualifications: Installer shall be experienced in installation of institutional restroom accessories.

1.4 DELIVERY, STORAGE, AND HANDLING

A. Protect mirrors in accordance with mirror manufacturer's written instructions and as needed to prevent damage to mirrors from moisture, condensation, temperature changes, direct exposure to sun, or other causes.

B. Comply with mirror manufacturer's written instructions for shipping, storing, and handling mirrors as needed to prevent deterioration of silvering, damage to edges, and abrasion of glass surfaces and applied coatings. Store indoors.

1.5 FIELD CONDITIONS

A. Environmental Limitations: Do not install mirrors until ambient temperature and humidity conditions are maintained at levels indicated for final occupancy.

1.6 WARRANTY

A. Special Warranty: Manufacturer agrees to replace mirrors that deteriorate within specified warranty period. Deterioration of mirrors is defined as defects developed from normal use that are not attributed to mirror breakage or to maintaining and cleaning mirrors contrary to manufacturer's written instructions. Defects include discoloration, black spots, and clouding of the silver film.

1. Warranty Period: Fifteen years from date of manufacture.

PART 2 - PRODUCTS

2.1 MANUFACTURERS:

A. Bobrick Washroom Equipment B-166 1824

B. American Specialties Inc. – 0600 Series Framed Mirror with Shelf 1824

C. Bradley Corporation – 781 Series Framed Mirror with Shelf 1824

D. Or approved equal.

2.2 FRAMED MIRROR ASSEMBLY:

A. Frame: One-piece Type 304 stainless steel channel frame, 18-8 alloy, No. 4 satin finish.

B. Shelf: Integral stainless steel bottom shelf, 3-inch minimum depth.

C. Glass: 1/4 inch (6 mm nominal) tempered float glass mirror with Category II safety backing complying with CPSC 16 CFR 1201.

D. Backing: Full-length concealed galvanized steel mounting bracket supplied by manufacturer.

E. Finish: Stainless steel, No. 4 satin finish.

F. Fasteners: Stainless steel

G. Anchors and Inserts: Provide devices as required for mirror hardware installation for substrate condition. Provide toothed stainless steel, expansion-bolt devices for drilled-in-place anchors.

2.3 FABRICATION

A. Shop fabricate mirrors to greatest extent possible.

B. Fabricate cutouts for notches and holes in mirrors without marring visible surfaces. Locate and size cutouts, so they fit closely around penetrations in mirrors.

C. Mirror Edge Treatment: Flat polished.

1. Seal edges of mirrors with edge sealer after edge treatment to prevent chemical or atmospheric penetration of glass coating.
2. Require mirror manufacturer to perform edge treatment and sealing in factory immediately after cutting to final sizes.

D. Film-Backed Safety Mirrors: Apply film backing with adhesive coating over mirror backing paint, as recommended in writing by film-backing manufacturer, to produce a surface free of bubbles, blisters, and other imperfections.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, over which mirrors are to be mounted, with Installer present, for compliance with installation tolerances, substrate preparation, and other conditions affecting performance of the Work.

B. Verify compatibility with and suitability of substrates, including compatibility of existing finishes or primers with mirror mastic.

C. Proceed with installation only after unsatisfactory conditions have been corrected and surfaces are dry.

3.2 PREPARATION

A. Comply with mastic manufacturer's written installation instructions for preparation of substrates, including coating substrates with mastic manufacturer's special bond coating where applicable.

3.3 INSTALLATION

A. General: Install mirrors to comply with mirror manufacturer's written instructions and with referenced National Glass Association (NGA) publications. Mount mirrors accurately in place in a manner that avoids distorting reflected images.

1. NGA Publications: "Laminated Glazing Reference Manual," "Glazing Manual" and "Installation Techniques Designed to Prolong the Life of Flat Glass Mirrors."

B. Mounting

1. Install factory-framed mirrors using manufacturer’s concealed mounting brackets or continuous hangers provided with unit.
2. Secure mounting brackets directly to structural backing or substrate capable of supporting imposed loads.
3. Do not rely solely on mirror mastic for support of framed mirrors.
4. Install mirrors tight to frame without racking or twisting.

C. Provide a minimum airspace of 1/8 inch between back of mirrors and mounting surface for air circulation between back of mirrors and face of mounting surface.

D. Install mirrors with mastic (if required by manufacturer) and mirror hardware. Attach mirror hardware securely to mounting surfaces with mechanical fasteners installed with anchors or inserts as applicable. Install fasteners so heads do not impose point loads on backs of mirrors.
   1. Install mastic as follows:

      a. Apply mirror mastic only where recommended by mirror manufacturer.
      b. Apply mastic to comply with mastic manufacturer's written instructions for coverage and to allow air circulation between back of mirrors and face of mounting surface.
      c. Do not apply mastic in a manner that creates continuous horizontal barriers that could trap moisture.
      d. After mastic is applied, align mirrors and press into place while maintaining a minimum airspace of 1/8 inch between back of mirrors and mounting surface.
      e. Do not use solvent-based adhesives incompatible with mirror backing.

3.4 CLEANING AND PROTECTION

A. Protect mirrors from breakage and contaminating substances resulting from construction operations.

B. Do not permit edges of mirrors to be exposed to standing water.

C. Remove protective coverings and clean surfaces in accordance with manufacturer’s recommendations.

D. Replace damaged mirrors that exhibit edge chipping, distortion, silver spoilage, or coating failure.

E. Maintain environmental conditions that prevent mirrors from being exposed to moisture from condensation or other sources for continuous periods of time.

END OF SECTION 088300

SECTION 099613 - PAINTING WASTEWATER TREATMENT PLANT

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 materials common to wastewater treatment plants.

B. Work under this Contract shall also include, but not necessarily be limited to:

1. Moisture testing of substrates.
2. Surface preparation of substrates as required for acceptance of paint, including cleaning, small crack repair, patching, caulking, and making good surfaces and areas.
3. Specific pre-treatments noted.
4. Sealing / priming surfaces for repainting.
5. Provision of safe and adequate ventilation as required over and above temporary ventilation supplied by others, where toxic and/or volatile / flammable materials are being used.

C. Related Requirements:

1. Section 0555000 Metal Fabrications for shop priming of structural steel with primers specified in this Section.

D. Refer to drawings for type, location and extent of interior painting required.

1.3 DEFINITIONS

A. Semi-Gloss: 35 to 70 units at 60 degrees, according to ASTM D523.

B. Gloss: 70 to 85 units at 60 degrees, according to ASTM D523.

C. High Gloss: More than 85 units at 60 degrees, according to ASTM D523.

1.4 REFERENCES

A. Without limiting the general aspects of other requirements of these specifications, all surface preparation, coating and painting of interior and exterior surfaces shall conform to the applicable requirements of the Steel Structures Painting Council, ASTM, current Local and Federal Health Standards, and the coating/paint manufacturer's printed instructions.

1.5 SUBMITTALS

A. General: Submittals for this section are subject to the re-evaluation fee identified in Article 4 of the General Conditions.

B. Painting Schedule: Cross-referenced Painting Schedule listing all exterior and interior substrates to be painted and specified finish paint type designation; product name and manufacturer, recommended primers and product numbers, and finish paint color designation for each substrate to be painted.

1. Designate exterior substrates by building name and number, substrate to be painted and surface location.
2. Designate interior substrates by building name and number, floor, room name and number, and surface to be painted.

C. Product Data: For each type of product. include manufacturer's name, brand name of product, manufacturer's identifying number (if applicable), color, formula analysis and percent by weight, flash point, surface preparation instructions, reducing and application instructions, and for products other than primers, the manufacturer's recommended primer.

1. Indicate VOC content.
2. Furnish color selection chart. Color selection for the various pieces of equipment and work will be made through the Director's Representative following approval of the Submittals Package.

D. Color Charts for Initial Selection: For each type of topcoat product indicated.

E. Delete "Color Charts for Initial Selection" Paragraph above if colors and other characteristics are preselected and specified or scheduled. Contractor’s Qualifications: Submit documentation demonstrating compliance with requirements in Quality Assurance Article.

F. Certification of Volatile Organic Compounds: Submit certified list demonstrating compliance requirements in Quality Assurance Article.

1.6 QUALITY ASSURANCE

A. Quality assurance procedures and practices to be utilized to monitor all phases of surface preparation, application and inspection throughout the duration of the project. Procedures or practices not specifically defined herein may be utilized provided they meet recognized and accepted professional standards and are approved by the Director's Representative.

B. Volatile Organic Compounds (VOCs) Regulatory Requirements: Chapter III of Title 6 of the official compilation of Codes, Rules and Regulations of the State of New York (Title 6 NYCRR), Part 205 Architectural Surface Coatings.

1. Certificate of Compliance: List of each paint product to be delivered and installed. List shall include written certification stating that each paint product listed complies with the VOC regulatory requirements in effect at the time of job site delivery and installation.

C. Contractor shall have a minimum of five (5) years proven satisfactory experience and shall show proof before commencement of work that he will maintain a qualified crew of painters throughout the duration of the work. When requested by the Director's Representative, Contractor shall provide a list of the last three comparable repainting jobs including, name, location, specifying authority / project manager, start / completion dates and value of the work.

D. Mockups: Apply mockups 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. Director's Representative 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..
    b. Other Items: Director's Representative will designate items or areas required.

2. Final approval of color selections will be based on mockups.

    a. If preliminary color selections are not approved, apply additional mockups of additional colors selected by Director's Representative at no added cost to the State.

3. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Director's Representative specifically approves such deviations in writing.
4. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

E. Compatibility of Paint Materials: Primers and intermediate paints shall be products manufactured or recommended by the finish paint manufacturer.

1.7 REGULATORY REQUIREMENTS

A. Conform to work place safety regulations for storage, mixing, application and disposal of all paint related materials to requirements of those authorities having jurisdiction.

B. To reduce the amount of contaminants entering waterways, sanitary / storm drain systems or into the ground the following procedures shall be strictly adhered to:

1. Retain cleaning water for water based materials to allow sediments to be filtered out. In no case shall equipment be cleaned using free draining water.
2. Retain cleaners, thinners, solvents and excess paint and place in designated containers and ensure proper disposal.
3. Return solvent and oil-soaked rags used during painting operations for contaminant recovery, proper disposal, or appropriate cleaning and laundering.
4. Dispose of contaminants in an approved legal manner in accordance with hazardous waste regulations.
5. Empty paint cans are to be dry prior to disposal or recycling (where available).
6. Close and seal tightly partly used cans of materials including sealant and adhesive containers and store protected in well ventilated fire safe area at moderate temperature.

1.8 DELIVERY, STORAGE, AND HANDLING

A. Deliver painting materials in sealed, original labeled containers bearing manufacturer's name, brand name, type of paint or coating and color designation, standard compliance, materials content as well as mixing and/or reducing and application requirements.

1. Coating and paint materials shall not be used until the Director's Representative has inspected the contents and has obtained data from information on the containers or label.
2. Materials exceeding storage life recommended by the manufacturer shall be rejected.

B. 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.

1. Maintain containers in clean condition, free of foreign materials and residue.
2. Comply with requirements of authorities having jurisdiction, in regard to the use, handling, storage and disposal of hazardous materials.

C. Where toxic and/or volatile / explosive / flammable materials are being used, provide adequate fireproof storage lockers and take necessary precautions and post adequate warnings (e.g. no smoking) as required.

D. Take necessary precautionary and safety measures to prevent fire hazards and spontaneous combustion and to protect the environment from hazard spills. Materials that constitute a fire hazard (paints, solvents, drop clothes, etc.) to be stored in suitable closed and rated containers or removed from the site on a daily basis.

1.9 FIELD CONDITIONS

A. Comply fully with the manufacturer's recommendations as to environmental conditions under which the coating and coating systems can be applied.

B. Do not apply exterior coatings in snow, rain, fog, or mist.

C. Provide adequate illumination while work is in progress, including explosion-proof lights and electrical equipment.

1. Whenever required by the Director's Representative, provide additional illumination and necessary supports to cover all areas to be inspected.
2. The level of illumination for inspection purposes shall be determined by the Director's Representative.

D. Apply paint only to dry, clean, and adequately prepared surfaces in areas where dust is no longer generated by construction activities such that airborne particles will not affect the quality of finished surfaces.

E. Test suspect surfaces (concrete, masonry, plaster and wood surfaces) for moisture and alkalinity as required. Conduct all moisture tests using a properly calibrated electronic moisture meter.

F. In locations where flammable vapors may be present, take positive action to prevent ignition by eliminating and controlling sources of ignition.

1. Sources of ignition may include open flames, lightning, smoking, cutting and welding, hot surfaces, frictional heat, sparks (static, electrical and mechanical), spontaneous ignition, chemical and physical-chemical reactions, and radiant heat.

G. Provide mechanical ventilation adequate to remove flammable vapors to a safe location and to confine and control combustible residues so that life or property is not endangered.

1. Equipment used to control hazardous exposure shall be explosion-proof.
2. Keep mechanical ventilation in operation at all times while coating or painting operations are being conducted and for a sufficient time thereafter to allow flammable vapors from drying coatings or paints to be exhausted. Ventilation shall reduce the concentration of air contaminant to the degree a hazard does not exist. The exhaust discharge point of fumes shall be not less than ten feet from any combustible exterior wall or roof nor shall the discharge be in the direction of any combustible construction or unprotected opening in any non-combustible exterior wall within 50 feet.

H. Inside buildings, provide tight fitting temporary partitions as required to protect mechanical and other equipment from abrasive blasting particles and to contain the spread of paint fumes.

1.10 SAFETY AND HEALTH REQUIREMENTS

A. Provide and require use of personnel protective equipment for persons working in or about the project Site, all in accordance with requirements set forth by regulatory agencies applicable to the construction industry, the coating manufacturer's printed instructions, and appropriate technical bulletins and manuals.

1. Protective helmets shall be worn by all persons while in the vicinity of the Work.
2. Workers engaged in or near the Work during abrasive blasting shall wear eye and face protection devices, and air purifying half mask or mouthpiece respirator with appropriate filter.
3. Furnish protective clothing, gloves and barrier creams in accordance with the coating manufacturer's recommendations to prevent injury to workmen from strong chemicals during their application.

PART 2 - PRODUCTS

2.1 GENERAL

A. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to, products listed in the Coating Systems article for the coating category indicated.

2.2 SOURCE QUALITY CONTROL

A. Testing of Coating Materials: The Director’s Representative reserves the right to invoke the following procedure:

1. The Director's Representative 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. The Director's Representative may direct Contractor to stop applying coatings if test results show materials being used do not comply with product requirements. Contractor shall remove noncomplying 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.

2.3 COATING SYSTEMS

A. Type C-2 System: Block/Concrete Filler, Acrylic Intermediate and Topcoats:

1. Primer/Filler: Acrylic resin designed for use on exterior and interior cast-in-place or precast concrete surfaces, Minimum 60 percent solids by volume.

    a. Basis of Design: Pro Industrial HD Block filler B42W150 by The Sherwin-Williams Company.

2. Intermediate Coat: Same as topcoat.
3. Topcoat: Water reducible, 100 percent acrylic, minimum 38 percent solids by volume.

    a. Basis of Design: Pro Industrial DTM B66 by The Sherwin-Williams Company.

B. Type C-3 System: Masonry/Concrete Filler, Epoxy Intermediate and Topcoats:

1. Primer/Filler: Epoxy polyamide designed for use on concrete and masonry surfaces, minimum 70 percent solids by volume.

    a. Basis of Design: Kem Cati-Coat HS Epoxy Filler B42W400; required at bare CMU.

2. Intermediate Coat: Same as the topcoat.
3. Topcoat: Two component, catalyzed polyamide epoxy, minimum 65 percent solids by volume.

    a. Basis of Design: Macropoxy 646 MR Epoxy white by The Sherwin-Williams Company.

C. Type C-4 System: Epoxy Primer, Epoxy Intermediate and Topcoats:

1. Primer: Two component, rust inhibitive, lead and chromate free, polyamide epoxy, 70 percent solids by volume.

    a. Basis of Design: Macropoxy 646 MR Epoxy by The Sherwin-Williams Company; required at bare material.

2. Intermediate Coat: Same as topcoat.
3. Topcoat: Two component, catalyzed polyamide epoxy, minimum 65 percent solids by volume.

    a. Basis of Design: Macropoxy 646 MR Epoxy by The Sherwin-Williams Company.

2.4 BARRIER COATING

A. On surfaces of new equipment and steel fabrication factory primed or coated, provide a suitable barrier coat in lieu of the specified preparation and prime coat.

1. Barrier coating to be as recommended in writing by the manufacturer of the topcoat.
2. Barrier coating to be only used in non-immersion service.

PART 3 - EXECUTION

3.1 GENERAL

A. Surface preparation, coating and painting to conform to applicable standards of the Steel Structures Painting Council and the coating and paint manufacturer's printed instructions. Material applied prior to approval of the surface by the Director's Representative to be removed and reapplied at no expense to the State.

B. Coating and painting equipment to be designed for application of the materials specified and will be maintained in first class working condition. Compressors to have suitable traps and filters to remove water and oil from the air. Equipment is subject to approval by the Director's Representative.

3.2 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.

C. Verify suitability of substrates, including surface conditions and compatibility, with existing finishes and primers.

D. Proceed with coating application only after unsatisfactory conditions have been corrected.

1. Application of coating indicates acceptance of surfaces and conditions.

3.3 PREPARATION

A. Comply with manufacturer's written instructions and recommendations applicable to substrates and coating systems indicated.

B. Prepare surfaces in accordance with the latest revision of the following surface preparation specifications of the Steel Structures Painting Council.

1. All blasted surfaces shall conform to SSPC-Vis1-89 Visual Standard for Abrasive Blast Cleaned Steel.

C. Particle size of abrasive used in blast cleaning shall be that which will produce a 1-1/2 - 2 mil (37.5 microns - 50.0 microns) surface profile or in accordance with recommendations of the manufacturer of the specified coating or paint system to be applied.

1. Abrasive used in blast cleaning operations shall be new, washed, graded and free of contaminants that would interfere with adhesion of the coating or paint and shall not be reused unless specifically approved by the Director's Representative.

D. 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.

E. 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 reprime substrate with compatible primers or apply tie coat as required to produce coating systems indicated.

F. 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 at 6 to 12 inches.
2. Abrasive blast clean surfaces to comply with SSPC-SP 7/NACE No. 4.

G. 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 at 6 to 12 inches.

H. Steel Substrates: Remove rust, loose mill scale, and shop primer if any. Clean using methods recommended in writing by paint manufacturer, as per the coating schedules.

I. 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.

J. 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.

K. Aluminum Substrates: Remove loose surface oxidation.

L. Slag, welded metal accumulation and spatters not removed by the erector shall be removed by chipping or grinding. Sharp edges shall be peened, ground or otherwise blunted to the satisfaction of the Director's Representative.

3.4 APPLICATION

A. Mix and 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.
3. Prior to assembly, all surfaces made inaccessible after assembly shall be prepared as specified herein and shall receive the full coating or paint system specified.
4. Coat backsides of access panels, removable or hinged covers, and similar hinged items to match exposed surfaces.
5. Do not apply coatings over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates.

B. Coating and paint application shall conform to the requirements of the Steel Structures Painting Council's Paint Application Specification SSPC-PA1 (latest revision) and the manufacturer of the coating and paint materials.

C. Application of the first coat shall follow immediately after surface preparation and cleaning and within the eight-hour working day. Cleaned areas not receiving the first coat within the eight-hour period shall be recleaned prior to application of the first coat.

D. If undercoats or other conditions show through final coat, apply additional coats until cured film has a uniform coating finish, color, and appearance.

E. 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.

F. Apply a preliminary stripe coat of primer to all welded seams, welded joints, rivets, corners, bolts, crevices, etc. by roller or brush only. Dry film thicknesses (DFT) to be as follows:

1. Interior coating with SSPC-10: 2-3 mils DFT.
2. Exterior coating with SSPC-6 or better: 1.5-2.5 mils DFT.

G. Thinning shall be permitted only as recommended by the manufacturer in writing and approved by the Director's Representative.

H. Apply each coat evenly, free of brush marks, sags, runs, and with no evidence of poor workmanship. Finished surfaces shall be free from defects or blemishes.

I. Do not apply paints or coatings to non-ferrous or stainless steel machine parts.

3.5 FIELD QUALITY CONTROL

A. Dry Film Thickness Testing: The State 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.

3.6 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 Director’s Representative, and leave in an undamaged condition.

D. At completion of construction activities of other trades, touch up and restore damaged or defaced coated surfaces to the satisfaction of the Director's Representative.

3.7 COATING SCHEDULE

A. Structural Concrete Surfaces – Wet Environment.

1. Surface Preparation: ASTM D4258.
2. Coating System: Type C-3.

    a. Prime Coat: 10-20 mils DFT depending on surface roughness.
    b. Intermediate and Topcoats: 4-6 mils DFT per coat.

B. Structural Concrete Surfaces – Dry or Weathering Environment.

1. Surface Preparation: ASTM D4258.
2. Coating System: Type C-2.

    a. Prime Coat: 8-10 mils DFT depending on surface roughness.
    b. Intermediate and Topcoats: 2.5-4.0 mils DFT per coat.

C. Structural Steel – Dry or Damp (wet) Environment.

1. Surface Preparation: SSPC-SP6, Commercial Blast Cleaning.
2. Coating System: Type C-4.

    a. Prime Coat: 4-6 mils DFT.
    b. Intermediate and Topcoats: 4-6 mils DFT per coat.

D. Ferrous Surfaces of Railings - Dry or Wet Environment.

1. Surface Preparation: SSPC-SP6, Commercial Blast Cleaning.
2. Coating System: Type C-4.

    a. Prime Coat: 4-6 mils DFT.
    b. Intermediate and Topcoats: 4-6 mils DFT.

E. Equipment Rooms - Interior Surfaces.

1. Concrete Surface Preparation: ASTM D4258.
2. Concrete Coating System: Type C-3.

    a. Prime Coat: 10-20 mils DFT depending on surface roughness.
    b. Intermediate and Topcoats: 4-6 mils DFT.

3. Structural Steel Surface Preparation: SSPC-SP6, Commercial Blast Cleaning.
4. Structural Steel Coating System: Type C-4.

    a. Prime Coat: 4-6 mils DFT.
    b. Intermediate and Topcoats: 4-6 mils DFT.

END OF SECTION 099613

SECTION 102800 – TOILET AND BATH ACCESSORIES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

A. Section Includes:
   1. Private-use bathroom accessories.

B. Related Requirements:

   1. Section 088300 "Mirrors" for Framed Mirror Assembly.

1.3 COORDINATION

A. Coordinate accessory locations with other work to prevent interference with clearances required for access by people with disabilities, and for proper installation, adjustment, operation, cleaning, and servicing of accessories.

B. Deliver inserts and anchoring devices set into concrete or masonry as required to prevent delaying the Work.

1.4 SUBMITTALS

A. Submittals for this section are subject to the re-evaluation fee identified in Article 4 of the General Conditions.

B. Manufacturer’s installation instructions shall be provided along with product data.

C. Submittals shall be provided in the order in which they are specified and tabbed (for combined submittals).

D. Product Data: For each type of product.

   1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes.
   2. Include anchoring and mounting requirements, including requirements for cutouts in other work and substrate preparation.
   3. Include electrical characteristics.

E. Sample Warranty: For manufacturer's special warranties.

1.5 CLOSEOUT SUBMITTALS

A. Maintenance Data: For accessories to include in maintenance manuals.

PART 2 - PRODUCTS

2.1 PRIVATE-USE BATHROOM ACCESSORIES

A. Source Limitations: Obtain private-use bathroom accessories from single source from single manufacturer.

B. Private-Use Toilet Tissue Dispenser A-531, A-600:

1. Description: Single roll dispenser
2. Mounting: Surface mounted.
3. Capacity: Designed for 4-1/2- or 5-inch diameter tissue rolls.
4. Material and Finish: Stainless steel, ASTM A480 No. 4 finish (satin)

2.2 CUSTODIAL ACCESSORIES

A. Custodial Paper Towel (Folded) Dispenser A-531, A-600:

1. Mounting: Surface mounted.
2. Minimum Capacity: 525 multifold towels
3. Material and Finish: Stainless steel, ASTM A480 No. 4 finish (satin)
4. Lockset: Tumbler type.
5. Refill Indicator: Pierced slots at sides or front.

B. Custodial Soap Dispenser A-531, A-600:

1. Description: Designed for manual operation and dispensing soap in liquid form.
2. Mounting: Vertically oriented, surface mounted.
3. Capacity: 40 oz minimum, bulk fill type.
4. Materials: Stainless steel, satin finish.
5. Lockset: Tumbler type.
6. Refill Indicator: Window type.

2.3 MATERIALS

A. Stainless Steel: ASTM A240 or ASTM A666, Type 304, 0.031-inch minimum nominal thickness unless otherwise indicated.

B. Galvanized-Steel Mounting Devices: ASTM A153, hot-dip galvanized after fabrication.

C. Fasteners: Screws, bolts, and other devices of same material as accessory unit, unless otherwise recommended by manufacturer or specified in this Section, and tamper and theft resistant where exposed, and of stainless or galvanized steel where concealed.

2.4 FABRICATION

A. General: Fabricate units with tight seams and joints, and exposed edges rolled. Hang doors and access panels with full-length, continuous hinges. Equip units for concealed anchorage and with corrosion-resistant backing plates.

B. Keys: Provide universal keys for internal access to accessories for servicing and resupplying. Provide minimum of six keys to Director’s Representative.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Install accessories according to manufacturers' written instructions, using fasteners appropriate to substrate indicated and recommended by unit manufacturer. Install units level, plumb, and firmly anchored in locations and at heights indicated.

1. Remove temporary labels and protective coatings.

3.2 ADJUSTING AND CLEANING

A. Adjust accessories for unencumbered, smooth operation. Replace damaged or defective items.

B. Clean and polish exposed surfaces according to manufacturer's written instructions.

END OF SECTION 102800

SECTION 260519 - LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

A. Section Includes:

1. Copper building wire.
2. Metal-clad cable, Type MC.
3. Connectors and splices.

1.3 DEFINITIONS

A. RoHS: Restriction of Hazardous Substances.

B. VFC: Variable-frequency controller.

1.4 SUBMITTALS

A. Submittals for this section are subject to the re-evaluation fee identified in Article 4 of the General Conditions.

B. Manufacturer’s installation instructions shall be provided along with product data.

C. Submittals shall be provided in the order in which they are specified and tabbed (for combined submittals).

D. Product Data: For each type of product.

E. Product Schedule: Indicate type, use, location, and termination locations.

F. Submittals for this section are subject to the re-evaluation fee identified in Article 4 of the General Conditions.

G. Qualification Data:

1. For Testing Agency: Submit documentation verifying that the independent testing agency meets the requirements of ASTM E329 and is accredited by a nationally recognized accrediting body (such as A2LA or NVLAP) for conducting the specified tests.

2. For Manufacturer's Authorized Service Representative: Submit evidence of the representative's current certification by the cable manufacturer to install, terminate, and test low-voltage cables of the types specified. Include names, credentials, and a list of at least three similar projects completed in the last five years.

H. Field quality-control reports.

1.5 QUALITY ASSURANCE

A. Qualifications: The persons performing the Work of this Section and their supervisor shall be personally experienced in electrical work and shall have been regularly performing such work for a minimum of 3 years.

B. UL Listing: Equipment and materials for which Underwriters' Laboratories, Inc. (UL) provides product listing service shall be listed and bear the listing mark.

C. Underwriter's Certificate: A New York Board of Fire Underwriters inspection or certificate is not required.

D. Equipment Qualifications For Products Other Than Those Specified:

1. At the time of submission provide written notice to the Director of the intent to propose an "or equal" for products other than those specified. Make the "or equal" submission in a timely manner to allow the Director sufficient time to review the proposed product, perform inspections and witness test demonstrations.
2. If products other than those specified are proposed for use furnish the name, address, and telephone numbers of at least 5 comparable installations that can prove the proposed products have performed satisfactorily for 3 years. Certify in writing that the Director's Representative owners of the 5 comparable installations will allow inspection of their installation by the Director's Representative and the Company Field Advisor.

    a. Make arrangements with the Director's Representative owners of 2 installations (selected by the Director) for inspection of the installations by the Director's Representative. Also obtain the services of the Company Field Advisor for the proposed products to be present. Notify the Director a minimum of 3 weeks prior to the availability of the installations for the inspection, and provide at least one alternative date for each inspection.
    b. Only references from the actual Director's Representative owner or Director's Representative owner's representative (Security Supervisor, Maintenance Supervisor, etc.) will be accepted. References from dealers, system installers or others, who are not the actual Director's Representative owners of the proposed products, are not acceptable.

        1) Verify the accuracy of all references submitted prior to submission and certify in writing that the accuracy of the information has been confirmed.

3. The product manufacturer shall have test facilities available that can demonstrate that the proposed products meet the contract requirements.

a. Make arrangements with the test facility for the Director's Representative to witness test demonstrations. Also obtain the services of the Company Field Advisor for the proposed product to be present at the test facility. Notify the Director a minimum of 3 weeks prior to the availability of the test facility, and provide at least one alternative date for the testing.

4. Provide written certification from the manufacturer that the proposed products are compatible for use with all other equipment proposed for use for this system and meet all contract requirements.

E. Company Field Advisor: Secure the services of the cable manufacturer's Company Field Advisor for a minimum of 4 working hours at the contract site for the following:

1. Witness installation of at least one splice and termination by each person who will be doing the actual cable splice and termination.
2. Certify with an affidavit that the aforementioned particulars are satisfactory and the cable is installed in accordance with cable manufacturer's recommendations.

PART 2 - PRODUCTS

2.1 DATE OF MANUFACTURER:

2.2 COPPER BUILDING WIRE

A. Description: Flexible, insulated, and uninsulated, drawn copper current-carrying conductor with an overall insulation layer or jacket, or both, rated 600 V or less.

B. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:

1. Cerro Wire LLC.
2. General Cable Technologies Corporation.
3. Southwire Company.
4. Or equal.

C. Standards:

1. Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and use.
2. RoHS compliant.
3. Conductor and Cable Marking: Comply with wire and cable marking according to UL's "Wire and Cable Marking and Application Guide."

D. Conductors: Copper, complying with ASTM B3 for bare annealed copper and with ASTM B8 for stranded conductors.

E. Conductor Insulation:
1. Type THHN and Type THWN-2: Comply with UL 83.

2. Type THW and Type THW-2: Comply with NEMA WC-70/ICEA S-95-658 and UL 83.
.
3. Type XHHW-2: Comply with UL 44.

2.3 METAL-CLAD CABLE, TYPE MC

A. Description: A factory assembly of one or more current-carrying insulated conductors in an overall metallic sheath.

B. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:

1. Atkore International (AFC Cable Systems).
2. General Cable Technologies Corporation.
3. Southwire Company.
4. Or equal.

C. Standards:

1. Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and use.
2. Comply with UL 1569.
3. RoHS compliant.
4. Conductor and Cable Marking: Comply with wire and cable marking according to UL's "Wire and Cable Marking and Application Guide."

D. Circuits:

1. Single circuit and multicircuit with color-coded conductors.
2. Power-Limited Fire-Alarm Circuits: Comply with UL 1424.

E. Conductors: Copper, complying with ASTM B3 for bare annealed copper and with ASTM B8 for stranded conductors.

F. Ground Conductor: Insulated.

G. Conductor Insulation:

1. Type TFN/THHN/THWN-2: Comply with UL 83.
2. Type XHHW-2: Comply with UL 44.

H. Armor: Steel, interlocked.

I. Jacket: PVC applied over armor.

2.4 CONNECTORS AND SPLICES

A. Description: Factory-fabricated connectors, splices, and lugs of size, ampacity rating, material, type, and class for application and service indicated; listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and use.

B. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:

1. 3M Electrical Products.
2. Appleton - O-Z/Gedney; Emerson Electric Co., Automation Solutions.
3. Ideal Industries, Inc.
4. Or equal.

C. Jacketed Cable Connectors: For steel and aluminum jacketed cables, zinc die-cast with set screws, designed to connect conductors specified in this Section.

D. Lugs: One piece, seamless, designed to terminate conductors specified in this Section.

1. Material: Copper.
2. Type: One hole with standard barrels.
3. Termination: Compression.

PART 3 - EXECUTION

3.1 CONDUCTOR MATERIAL APPLICATIONS

A. Feeders:

1. Copper; solid for No. 10 AWG and smaller; stranded for No. 8 AWG and larger.
2. Copper for feeders smaller than No. 4 AWG; copper or aluminum for feeders No. 4 AWG and larger. Conductors shall be solid for No. 10 AWG and smaller; stranded for No. 8 AWG and larger.

B. Branch Circuits:

1. Copper. Solid for No. 10 AWG and smaller; stranded for No. 8 AWG and larger.
2. Copper. Solid for No. 12 AWG and smaller; stranded for No. 10 AWG and larger.

C. VFC Output Circuits Cable: Extra-flexible stranded for all sizes.

D. Power-Limited Fire Alarm and Control: Solid for No. 12 AWG and smaller.

3.2 CONDUCTOR INSULATION AND MULTICONDUCTOR CABLE APPLICATIONS AND WIRING METHODS

A. Exposed Feeders: Type XHHW-2, single conductors in raceway Armored cable, Type ACMetal-clad cable, Type MC.

B. Feeders Concealed in Ceilings, Walls, Partitions, and Crawlspaces: Type XHHW-2, single conductors in raceway Armored cable, Type ACMetal-clad cable, Type MC.

C. Feeders Concealed in Concrete, below Slabs-on-Grade, and Underground: Type XHHW-2, single conductors in raceway Underground feeder cable, Type UF.

D. Feeders Installed below Raised Flooring: Type XHHW-2, single conductors in raceway Armored cable, Type AC Metal-clad cable, Type MC.

E. Exposed Branch Circuits, Including in Crawlspaces: Type THHN/THWN-2, single conductors in raceway Armored cable, Type AC.

F. Branch Circuits Concealed in Ceilings, Walls, and Partitions: Type THHN/THWN-2, single conductors in raceway Armored cable, Type AC.

G. Branch Circuits Concealed in Concrete, below Slabs-on-Grade, and Underground: Type XHHW-2, single conductors in raceway Underground branch-circuit cable, Type UF.

H. Branch Circuits Installed below Raised Flooring: Type THHN/THWN-2, single conductors in raceway Armored cable, Type AC.

I. Cord Drops and Portable Appliance Connections: Type SO, hard service cord with stainless steel, wire-mesh, strain relief device at terminations to suit application.

J. VFC Output Circuits: Type TC-ER cable with braided shield.

3.3 INSTALLATION, GENERAL

A. Conceal cables in finished walls, ceilings, and floors unless otherwise indicated.

B. Complete raceway installation between conductor and cable termination points according to Section 260533 "Raceways and Boxes for Electrical Systems" prior to pulling conductors and cables.

C. Use manufacturer-approved pulling compound or lubricant where necessary; compound used must not deteriorate conductor or insulation. Do not exceed manufacturer's recommended maximum pulling tensions and sidewall pressure values.

D. Use pulling means, including fish tape, cable, rope, and basket-weave wire/cable grips, that will not damage cables or raceway.

3.4 CONNECTIONS

A. Tighten electrical connectors and terminals according to manufacturer's published torque-tightening values. If manufacturer's torque values are not indicated, use those specified in UL 486A-486B.

B. Make splices, terminations, and taps that are compatible with conductor material and that possess equivalent or better mechanical strength and insulation ratings than unspliced conductors.

1. Use oxide inhibitor in each splice, termination, and tap for aluminum conductors.

C. Wiring at Outlets: Install conductor at each outlet, with at least 12 inches of slack.

3.5 IDENTIFICATION

A. Identify and color-code conductors and cables according to Section 260553 "Identification for Electrical Systems."

B. Identify each spare conductor at each end with identity number and location of other end of conductor, and identify as spare conductor.

3.6 SLEEVE AND SLEEVE-SEAL INSTALLATION FOR ELECTRICAL PENETRATIONS

A. Install sleeves and sleeve seals at penetrations of exterior floor and wall assemblies. Comply with requirements in Section 260544 "Sleeves and Sleeve Seals for Electrical Raceways and Cabling."

3.7 FIELD QUALITY CONTROL

A. Administrant for Tests and Inspections:

1. Owner Director's Representative will engage qualified testing agency to administer and perform tests and inspections.
2. Engage qualified testing agency to administer and perform tests and inspections.
3. Engage factory-authorized service representative Company Service Advisor to administer and perform tests and inspections on components, assemblies, and equipment installations, including connections.
4. Administer and perform tests and inspections with assistance of Company Service Advisor factory-authorized service representative.

B. Tests and Inspections:

1. After installing conductors and cables and before electrical circuitry has been energized, test service entrance and feeder conductors for compliance with requirements.
2. After installing conductors and cables and before electrical circuitry has been energized, test service entrance and feeder conductors and conductors feeding the following critical equipment and services for compliance with requirements:

    a. Electric Unit Heater

    b. Electric Convector

3. Perform each of the following visual and electrical tests:

    a. Inspect exposed sections of conductor and cable for physical damage and correct connection according to the single-line diagram.
    b. Test bolted connections for high resistance using one of the following:

        1) A low-resistance ohmmeter.
        2) Calibrated torque wrench.
        3) Thermographic survey.

    c. Inspect compression-applied connectors for correct cable match and indentation.

d. Inspect for correct identification.
e. Inspect cable jacket and condition.
f. Insulation-resistance test on each conductor for ground and adjacent conductors. Apply a potential of 500-V dc for 300-V rated cable and 1000-V dc for 600-V rated cable for a one-minute duration.
g. Continuity test on each conductor and cable.
h. Uniform resistance of parallel conductors.

C. Cables will be considered defective if they do not pass tests and inspections.

D. Prepare test and inspection reports to record the following:

1. Procedures used.
2. Results that comply with requirements.
3. Results that do not comply with requirements, and corrective action taken to achieve compliance with requirements.

END OF SECTION 260519

CONTRACTOR STAGING AREA

SLUDGE DRYING BED BUILDING

POLE BARN

SLUDGE DRYING BED BUILDING REMOVALS (REF: M-551)

SMH-8
RIM: 801.0±
INV IN (NE): 797.72
INV IN (NW): 797.72
INV OUT (SE): 796.82

MATCHLINE (C-101)
MATCHLINE (C-102)

RBC

RBC

REMOVE RBC CONTROL PANEL (REF: M-581)

MATCHLINE (C-102)
MATCHLINE (C-102)

TRICKLING FILTER

REMOVE 6" PLUG VALVE AND CONCRETE SLAB

2

PRIMARY CLARIFIER NO. 2 REMOVALS (REF: M-523)

PRIMARY CLARIFIER 2

6" PLUG VALVE (SLUDGE)

6" SLUDGE VALVE

6" SCUM VALVE

SLUDGE DIGESTER

CONTROL BUILDING

SLUDGE DIGESTER AND CONTROL BUILDING REMOVALS (REF: M-531)

OGS FIELD OFFICE TRAILER

GRIT PUMP STATION

GRIT CHAMBER

SMH-4
RIM: 799.27
INV: 795.43

SAWCUT SLAB AND REMOVE 6" PLUG VALVE (TYP OF 2)

2

PRIMARY CLARIFIER 1

PRELIMINARY TREATMENT BUILDING REMOVALS (REF: M-511)

PRELIMINARY TREATMENT BUILDING

PARSHALL FLUME

SMH-5
RIM: 799.93
INV: 795.13

PRIMARY CLARIFIER NO. 1 REMOVALS (REF: M-521)

SMH-3
RIM: 801.83±
INV: 798.25

BYPASS GRIT CHAMBER

BYPASS COMMINUTOR

REMOVE FLOW LEVEL SENSOR FROM PARSHALL FLUME (REF: M-513)

SMH-5A
RIM: 798.74
INV: 793.18

BP-MH-1
RIM: 796.89
INV IN: 790.57
INV OUT: 790.41

FLOW SPLITTER BOX

SECONDARY CLARIFIER NO. 2

INV: 794.45

SECONDARY CLARIFIERS REMOVALS (REF: M-561)

SMH-2
RIM: 803.03
INV: 798.75

MAINTENANCE BUILDING

SECONDARY CLARIFIER NO. 1

INV: 794.45

SMH-3
RIM: 797.90
INV IN: 795.30
INV IN: 795.30
INV OUT: 795.2

EQUALIZATION TANK

EQUALIZATION TANK REMOVALS (REF: M-541)

REMOVE EQUALIZATION TANK CONTROL PANEL

4' WIDE ASPHALT WALKWAY

VALVE VAULT

BLOWER ENCLOSURE PAD

REMOVE BLOWER ENCLOSURE (REF: A-541)

FENCE

CLL

REVISED DRAWING 02/25/2026

10' 5' 0 10'
SCALE: 1" = 10'

36x24 PLOT SHEET

NEW YORK STATE
Office of General Services
DESIGN & CONSTRUCTION

CONSULTANT: ENVIRONMENTAL DESIGN PARTNERSHIP, LLP

ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
edpllp.com

Adirondack Mountain Engineering, PC
CERTIFICATE OF AUTHORIZATION #: 020759

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STATE OF NEW YORK · EDWIN HERNANDEZ · 077138 · LICENSED PROFESSIONAL ENGINEER

EXPIRATION DATE: 12/31/2028

CONTRACT:
CONSTRUCTION

TITLE:
REHABILITATE WASTEWATER TREATMENT PLANT

LOCATION:
OTISVILLE CORRECTIONAL FACILITY
57 SANITARIUM ROAD
OTISVILLE, NY 10963

CLIENT:
NEW YORK STATE DEPARTMENT OF CORRECTIONS AND COMMUNITY SUPERVISION

2	02/25/2026	ADDENDUM 2
1	01/16/2026	BID DOCUMENT
MARK	DATE	DESCRIPTION

PROJECT NUMBER:	46069 - C
DESIGNED BY:	WN
DRAWN BY:	WN
FIELD CHECK:	EH
APPROVED:	EH

SHEET TITLE:
REMOVALS PLAN

DRAWING NUMBER:
C-101

SHEET 6 OF 56

POLE BARN

SLUDGE DRYING BED BUILDING

SLUDGE DRYING BED BUILDING IMPROVEMENTS (REF: M-552)

CONTRACTOR STAGING AREA AND PARKNIG (REF: G-003)

SMH-8
RIM: 801.0±
INV IN (NE): 797.72
INV IN (NW): 797.72
INV OUT (SE): 796.82

MATCHLINE (C-111)
MATCHLINE (C-112)

RBC

RBC

FURNISH AND INSTALL REPLACEMENT RBC CONTROL PANEL (REF: M-581)

MATCHLINE (C-112)
MATCHLINE (C-112)

TRICKLING FILTER

MATCHLINE (C-111)
MATCHLINE (C-112)

SLUDGE DIGESTER

PROVIDE (2) 6" PLUG VALVES AND CONC. PAD (1/M-591) (2)

PROVIDE 6" PLUG VALVE AND CONC. PAD (1/M-591) (2)

PRIMARY CLARIFIER NO. 2 IMPROVEMENTS (REF: M-524)

PRIMARY CLARIFIER 2

PROVIDE 6" DIP PUMP OUT CONNECTION (REF: M-532)

CONTROL BUILDING

SLUDGE DIGESTER AND CONTROL BUILDING IMPROVEMENTS (REF: M-532)

OSS FIELD OFFICE TRAILER

GRIT PUMP STATION

GRIT CHAMBER

PRIMARY CLARIFIER 1

SMH-4
RIM: 799.27
INV: 795.43

PRELIMINARY TREATMENT BUILDING IMPROVEMENTS (REF: M-512)

PRELIMINARY TREATMENT BUILDING

PARSHALL FLUME

SMH-5
RIM: 799.93
INV: 795.13

PRIMARY CLARIFIER NO. 1 IMPROVEMENTS (REF: M-522)

FLOW SPLITTER BOX

BP-MH-1
RIM: 796.89
INV IN: 790.57
INV OUT: 790.41

SECONDARY CLARIFIER NO. 2

INV: 794.45

SECONDARY CLARIFIERS IMPROVEMENTS (REF: M-562)

SMH-3
RIM: 801.83±
INV: 798.25

REPLACE INSTRUMENTATION FOR PARSHALL FLUME. (CONTRACTOR SHALL PROVIDE NEW CHART RECORDER IN MAINTENANCE BUILDING AND COMMUNICATION CABLE FROM SENSOR TO CHART RECORDER IN MAINTENANCE BUILDING) (REF: M-514)

BYPASS GRIT CHAMBER

BYPASS COMMINUTOR

SMH-5A
RIM: 798.74
INV: 793.18

SMH-2
RIM: 803.03
INV: 798.75

MAINTENANCE BUILDING

MAINTENANCE BUILDING IMPROVEMENTS (REF: A-533)

EQUALIZATION TANK IMPROVEMENTS (REF: M-542)

EQUALIZATION TANK

FURNISH AND INSTALL NEW EQUALIZATION TANK CONTROL PANEL (C-CONTRACT). WIRING AND PHONE LINE CONNECTION FROM MAINTENANCE BUILDING TO CONTROL PANEL (E-CONTRACT).

4' WIDE ASPHALT WALKWAY

SECONDARY CLARIFIER NO. 1

SMH-3
RIM: 797.90
INV IN: 795.30
INV IN: 795.30
INV OUT: 795.2

VALVE VAULT

BLOWER ENCLOSURE PAD

PROVIDE AIR BLOWER ENCLOSURE AROUND EXISTING BLOWER ENCLOSURE PAD (REF: A-541)

FENCE

CLL

SCALE: 1" = 10'

REVISED DRAWING 02/25/2026

36x24 PLOT SHEET

NEW YORK STATE | Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT: ENVIRONMENTAL DESIGN PARTNERSHIP, LLP

ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
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Adirondack Mountain Engineering, PC

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STATE OF NEW YORK · EDWARD J. HERNANDEZ · 077134 · LICENSED PROFESSIONAL ENGINEER

EXPIRATION DATE: 12/31/2028

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CONSTRUCTION

TITLE:

REHABILITATE WASTEWATER TREATMENT PLANT

LOCATION:

OTISVILLE CORRECTIONAL FACILITY
57 SANITARIUM ROAD
OTISVILLE, NY 10963

CLIENT:

NEW YORK STATE DEPARTMENT OF CORRECTIONS AND COMMUNITY SUPERVISION

MARK	DATE	DESCRIPTION
2	02/25/2026	ADDENDUM 2
1	01/16/2026	BID DOCUMENT

PROJECT NUMBER:	46069 - C
DESIGNED BY:	WN
DRAWN BY:	WN
FIELD CHECK:	EH
APPROVED:	EH

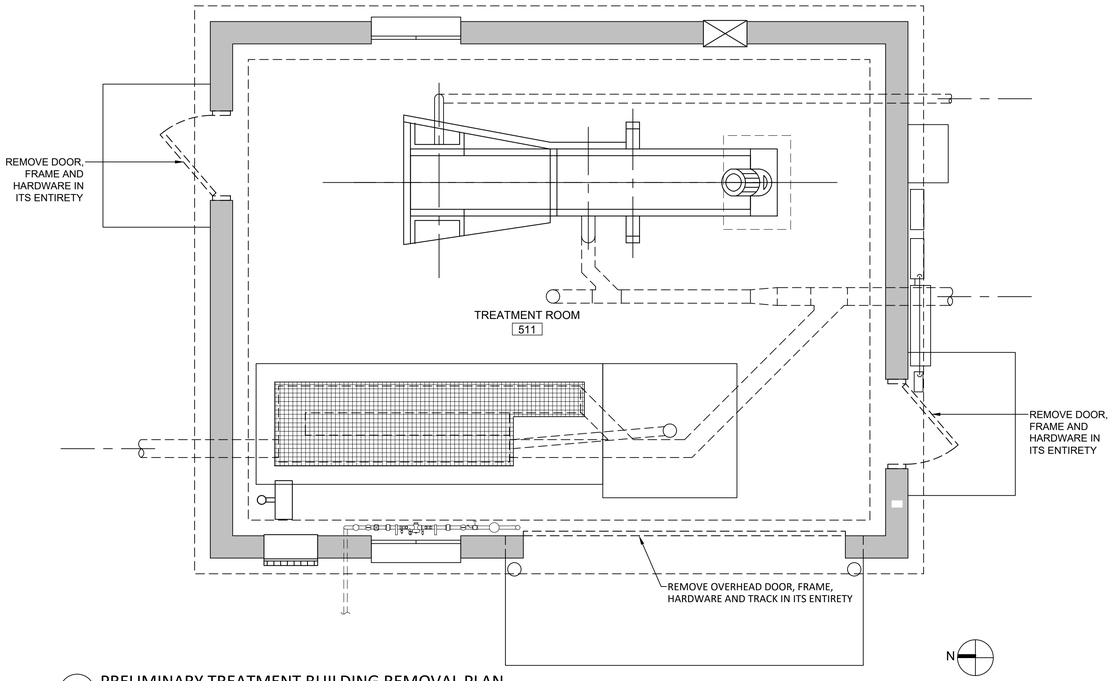
SHEET TITLE:

SITE PLAN

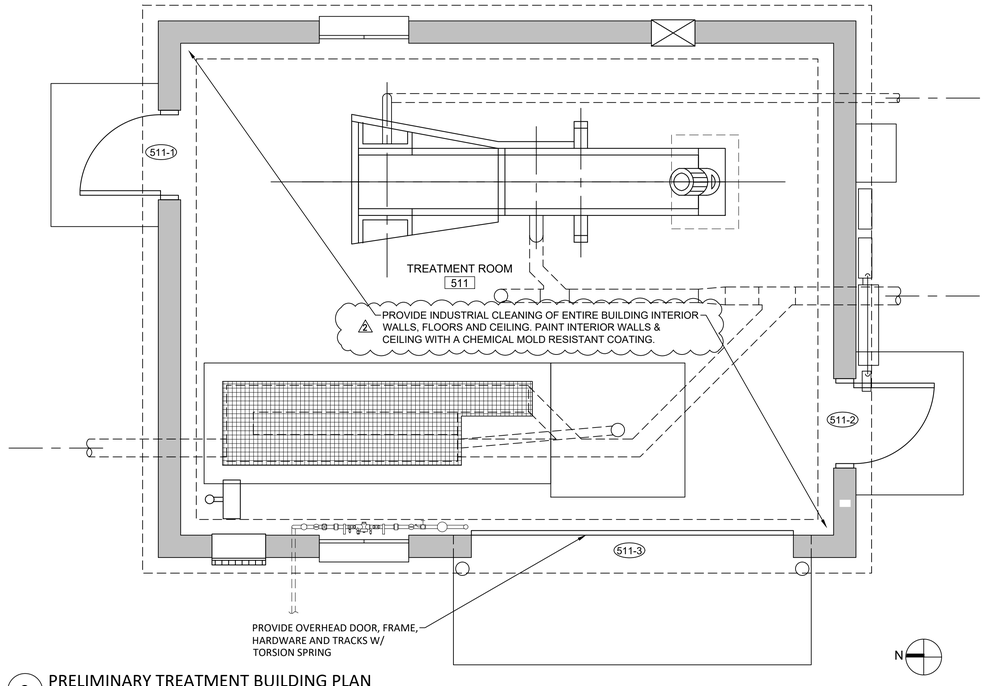
DRAWING NUMBER:

C-111

SHEET 8 OF 56



1 PRELIMINARY TREATMENT BUILDING REMOVAL PLAN
SCALE: 3/8" = 1'-0"



2 PRELIMINARY TREATMENT BUILDING PLAN
SCALE: 3/8" = 1'-0"

GENERAL NOTES AND REMOVAL NOTES ON THIS SHEET APPLY TO ALL ARCHITECTURAL DRAWINGS

GENERAL NOTES:

1. DO NOT SCALE DRAWINGS: NOTIFY THE DIRECTOR'S REPRESENTATIVE IF ADDITIONAL DIMENSIONS ARE REQUIRED. WALL, PARTITION, AND STRUCTURAL DIMENSIONS ARE ACTUAL. VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO THE START OF ANY WORK. NOTIFY THE DIRECTOR'S REPRESENTATIVE OF ANY DISCREPANCIES.
2. PROVIDE ALL MATERIALS INDICATED GRAPHICALLY OR AS NOTED. CONTRACTOR SHALL NOTIFY DIRECTOR'S REPRESENTATIVE OF ANY DISCREPANCIES IN IDENTIFICATION OF MATERIALS REQUIRED.
3. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AT THE SITE (ABOVE AND BELOW GRADE). REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE ACTUAL FIELD CONDITIONS TO THE DIRECTORS' REPRESENTATIVE BEFORE CONSTRUCTION BEGINS. CONTRACTOR TO VERIFY ALL MASONRY OPENING DIMENSIONS IN THE FIELD.
4. CONTRACTOR(S) FOR SPECIFIC WORK SHALL BE RESPONSIBLE TO PROVIDE PROTECTION OF THE WORK THAT IS TO BE PROVIDED.
5. ALL MATERIALS SHALL BE INSTALLED PER THE MANUFACTURERS PRINTED INSTRUCTIONS AND TO CONTRACT SPECIFIED REFERENCE STANDARDS, UNLESS NOTED OTHERWISE.
6. THE WORK INCLUDED IN THIS CONTRACT ENCOMPASSES BOTH THE DRAWINGS AND SPECIFICATIONS. WORK INCLUDED ON THE DRAWINGS ONLY OR IN THE SPECIFICATIONS ONLY SHALL BE INCORPORATED AS IF INCLUDED IN BOTH. SYSTEMS ARE INTENDED TO BE COMPLETE AND FULLY FUNCTIONING. IT IS NOT INTENDED TO SHOW EVERY ITEM OF WORK OR MINOR PIECE OF EQUIPMENT. THE CONTRACT SHALL PROVIDE SUCH COMPONENTS, ETC. AS NECESSARY OR REQUIRED FOR A FULLY FUNCTIONING SYSTEM IN ACCORDANCE WITH BEST PROFESSIONAL PRACTICE OF THE TRADE.
7. ALL CONSTRUCTION SHALL CONFORM TO 2020 BCNYS BUILDING CODE AND ORDINANCES. ADA GUIDELINES, THE AISC CODE, THE ACI CODE, THE WELDING SOCIETY CODES, ALL APPLICABLE ASTM, AND SMACNA STANDARDS. IN CASE OF CONFLICT THE MOST STRINGENT SHALL GOVERN.
8. PERMIT ISSUED BY OGS.
9. EACH CONTRACT TO SUPPLY THE MEANS FOR RECYCLING JOB SITE WASTE. LOCATIONS FOR REMOVAL BINS OR DUMPSTERS SHALL BE COORDINATED WITH DIRECTORS REPRESENTATIVE.
10. ALL COLOR SELECTIONS TO BE MADE BY THE FACILITY THROUGH THE DIRECTOR'S REPRESENTATIVE ALL FINISHES NOT DEPICTED ON DRAWINGS SHALL BE SELECTED BY THE DIRECTOR'S REPRESENTATIVE.
11. AREAS ADJACENT TO THE TEMPORARY CONSTRUCTION BARRIER MAY HAVE RESTRICTED CLEARANCES FOR THE DURATION OF THE WORK. THESE AREAS MUST REMAIN PASSABLE FOR FACILITY STAFF AND EQUIPMENT.
12. ALL DIMENSIONS OF MASONRY PARTITIONS AND MASONRY OPENINGS ARE TO THE FACE OF MASONRY.
13. EACH CONTRACTOR WILL BE RESPONSIBLE TO FIRE STOP ALL THEIR PENETRATIONS IN EXISTING FIRE RATED AND NON-FIRE RATED FLOORS, WALL, PARTITIONS, CEILINGS AND ROOFS. EACH RESPECTIVE TRADE SHALL BE RESPONSIBLE FOR THE INFILL OF EXISTING PENETRATIONS NOT USED / ABANDONED AS A RESULT OF REMOVALS OR REMODEL BY THE E, H CONTRACTS. INFILL SHALL MATCH EXISTING / ADJACENT CONSTRUCTION MATERIALS AND FINISHES. REFER TO SPECIFICATION SECTION 011000 FOR ADDITIONAL INFORMATION.
14. EACH CONTRACTOR WILL BE RESPONSIBLE FOR MAKING THEIR OWN PENETRATIONS REQUIRED BY THE FIRE RATED FLOORS, WALLS, PARTITIONS, CEILINGS AND ROOFS. C CONTRACT TO INFILL EXISTING PENETRATIONS, INFILL SHALL MATCH EXISTING / ADJACENT CONSTRUCTION MATERIALS AND FINISHES. REFER TO SPECIFICATION SECTION 017329 FOR ADDITIONAL INFORMATION.
15. PROVIDE ALL INCIDENTAL WOOD BLOCKING AS REQUIRED FOR ATTACHMENT OF FINISHES, ACCESSORIES, AND MILLWORK.
16. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF ALL MILLWORK AND INSTALLATION OF PRE FABRICATED MILLWORK, CASEWORK, STEEL DOOR UNITS, DETENTION WINDOWS, EQUIPMENTS & SPECIALTIES.
17. ALL INFILLS OF OPENINGS IN CONCRETE MASONRY UNITS SHALL BE TOOTHED INTO THE EXISTING MASONRY COURSING, UNLESS OTHERWISE NOTED.
18. REMOVE ALL MATERIALS INDICATED GRAPHICALLY OR AS NOTED.
19. CONTRACTORS WILL BE RESPONSIBLE TO PROVIDE PROTECTION AS REQUIRED FOR EXISTING CONSTRUCTION FINISHES SCHEDULED TO REMAIN.
20. CONTRACTOR TO FIELD VERIFY EXISTING UTILITIES / SERVICES AT THE BUILDING - VERIFY ALL UTILITIES FOR AREAS TO BE REMOVED HAVE BEEN TURNED OFF PRIOR TO INITIATING REMOVAL OF SYSTEMS - INCLUDING WATER, GAS, ELECTRIC AND FIRE-SUPPRESSION.
21. P-CONTRACTOR TO TAKE NECESSARY PRECAUTIONS TO PROTECT WATER, STORM, AND SANITARY PIPING SCHEDULED TO REMAIN TO AVOID DEBRIS OR CONTAMINATION OF PIPING.
22. E-CONTRACTOR TO VERIFY ALL POWER TO ALL ITEMS, SUCH AS RECEPTACLES, SWITCHES, ETC. HAVE BEEN TURNED OFF PRIOR TO INITIATING DEMOLITION OF WALLS AND CEILING SYSTEMS.
21. P-CONTRACTOR TO VERIFY ALL WATER, STORM, SANITARY AND FIRE PROTECTION PIPING HAVE BEEN DRAINED PRIOR TO CUTTING / REMOVING PIPING PROPERLY.
22. THE WORD "PROVIDE" SHALL MEAN THAT THE CONTRACTOR SHALL SUPPLY ALL LABOR AND MATERIALS TO RESULT IN A COMPLETELY FINISHED AND / OR OPERABLE SYSTEM.

REMOVAL NOTES:

1. REMOVE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND DISPOSE OF THEM OFF-SITE UNLESS INDICATED TO REMAIN THE PROPERTY OF THE STATE.
2. EXISTING CONDITIONS: DO NOT DISTURB EXISTING STRUCTURES, CONSTRUCTION, MATERIALS OR EQUIPMENT UNLESS REQUIRED BY THE CONTRACT.
3. DO NOT CUT, DRILL OR REMOVE STRUCTURAL MEMBERS SUCH AS JOISTS, BEAMS OR COLUMNS SUPPORTING CONSTRUCTION THAT IS TO REMAIN UNLESS EXPRESSLY REQUIRED BY THE CONTRACT DOCUMENTS.
4. MATCH THE APPEARANCE AND PERFORMANCE OF EXISTING CORRESPONDING MATERIALS AS CLOSELY AS PRACTICAL, UNLESS OTHERWISE INDICATED.
5. PRIOR TO CUTTING, DRILLING OR REMOVAL, INVESTIGATE BOTH SIDES OF THE SURFACE INVOLVED. DETERMINE THE EXACT LOCATION OF STRUCTURAL MEMBERS.
6. IF UNFORESEEN OBSTRUCTIONS ARE ENCOUNTERED, TAKE PRECAUTIONS NECESSARY TO PREVENT DAMAGE AND OBTAIN INSTRUCTIONS FROM THE DIRECTOR'S REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.
7. PROVIDE TEMPORARY SHORING AND OTHER SUPPORTS NECESSARY TO PREVENT SETTLEMENT OR OTHER DAMAGE TO EXISTING CONSTRUCTION WHICH IS TO REMAIN.
8. REMOVE AND ALTER EXISTING CONSTRUCTION AS REQUIRED TO INSTALL AND CONNECT THE WORK TO ADJACENT CONSTRUCTION IN AN APPROVED MANNER.
9. PERFORM CUTTING, DRILLING, AND REMOVALS IN A MANNER WHICH WILL PREVENT DAMAGE TO CONSTRUCTION WHICH IS TO REMAIN.
10. PATCH EXISTING CONSTRUCTION AND FINISHES DEFACED, DAMAGED, OR LEFT INCOMPLETE DUE TO ALTERATIONS AND REMOVALS. PATCHING, EXCEPT AS OTHERWISE INDICATED, SHALL BE LIMITED TO THE AREAS WHICH HAVE BEN CUT OR ALTERED. FINISH PATCHED SURFACES TO MATCH EXISTING ADJACENT SURFACES AS CLOSELY AS PRACTICABLE USING SAME TYPE OF PAINT.
11. WHERE SURFACES EXPOSED BY REMOVALS ARE TO REMAIN AS EXPOSED SURFACES, PAINT SUCH AREAS TO MATCH EXISTING ADJACENT SURFACES AS CLOSELY AS PRACTICABLE USING SAME TYPE OF PAINT.
12. WHERE RE-INSTALLATION OF REMOVED ITEMS IS INDICATED, RE-INSTALL THEM TO A CONDITION EQUAL TO OR BETTER THAN THEIR CONDITION BEFORE REMOVAL.

2025 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE:
1. TO THE BEST OF THE KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT OF THE LICENSED PROFESSIONAL SEALING THESE PLANS AND SPECIFICATIONS, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CODE.

REVISED DRAWING 02/25/2026

36x24 PLOT SHEET

NEW YORK STATE | Office of General Services
DESIGN & CONSTRUCTION

CONSULTANT: ENVIRONMENTAL DESIGN PARTNERSHIP, LLP

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PDC
CERTIFICATE OF AUTHORIZATION #: 020682

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REGISTERED ARCHITECT
FRANCINE WALLACE
037384
STATE OF NEW YORK
EXPIRATION DATE: 02/28/2026

CONTRACT:
CONSTRUCTION

TITLE:
REHABILITATE WASTEWATER TREATMENT PLANT

LOCATION:
OTISVILLE CORRECTIONAL FACILITY
57 SANITARIUM ROAD
OTISVILLE, NY 10963

CLIENT:
NEW YORK STATE DEPARTMENT OF CORRECTIONS AND COMMUNITY SUPERVISION

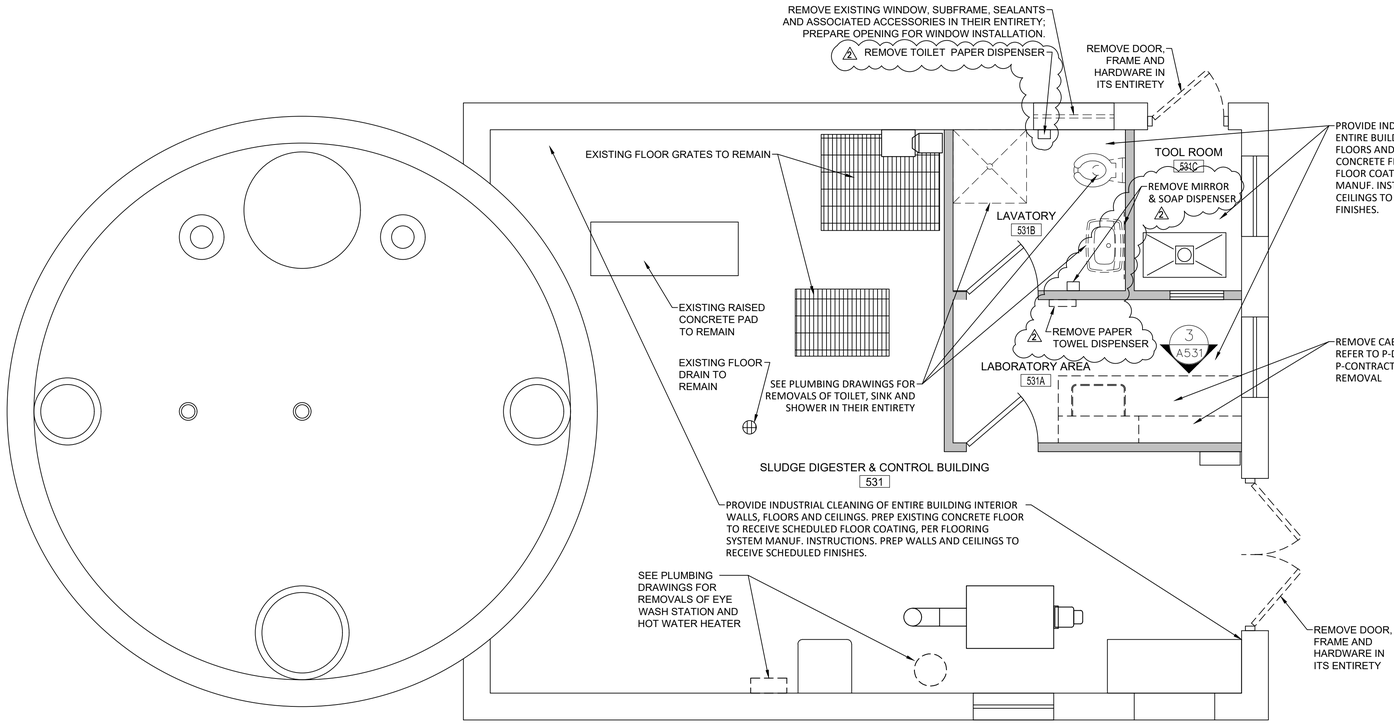
MARK	DATE	DESCRIPTION
2	02/25/2026	ADDENDUM 2
1	01/16/2026	BID DOCUMENT

PROJECT NUMBER:	46069 - C
DESIGNED BY:	FSW
DRAWN BY:	CRB
FIELD CHECK:	FSW
APPROVED:	FSW

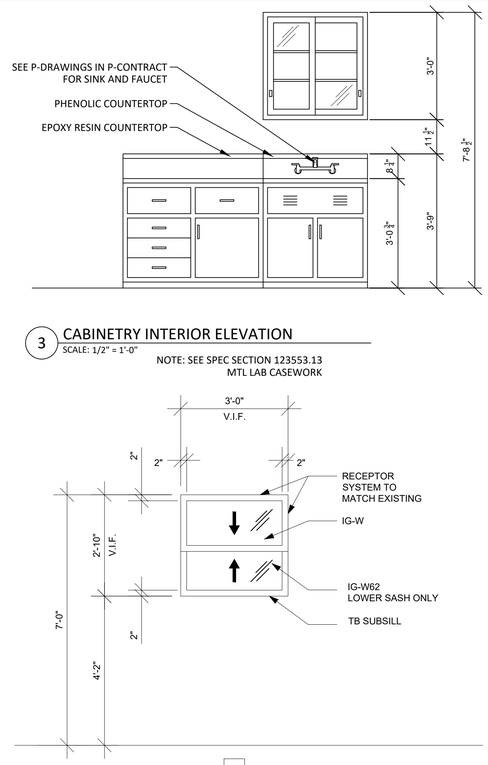
SHEET TITLE:
PRELIMINARY TREATMENT BUILDING REMOVAL PLAN & FLOOR PLAN

DRAWING NUMBER:
A–511

SHEET 10 OF 56



1 SLUDGE DIGESTER AND CONTROL BUILDING REMOVAL PLAN
SCALE: 3/8" = 1'-0"



3 CABINETRY INTERIOR ELEVATION
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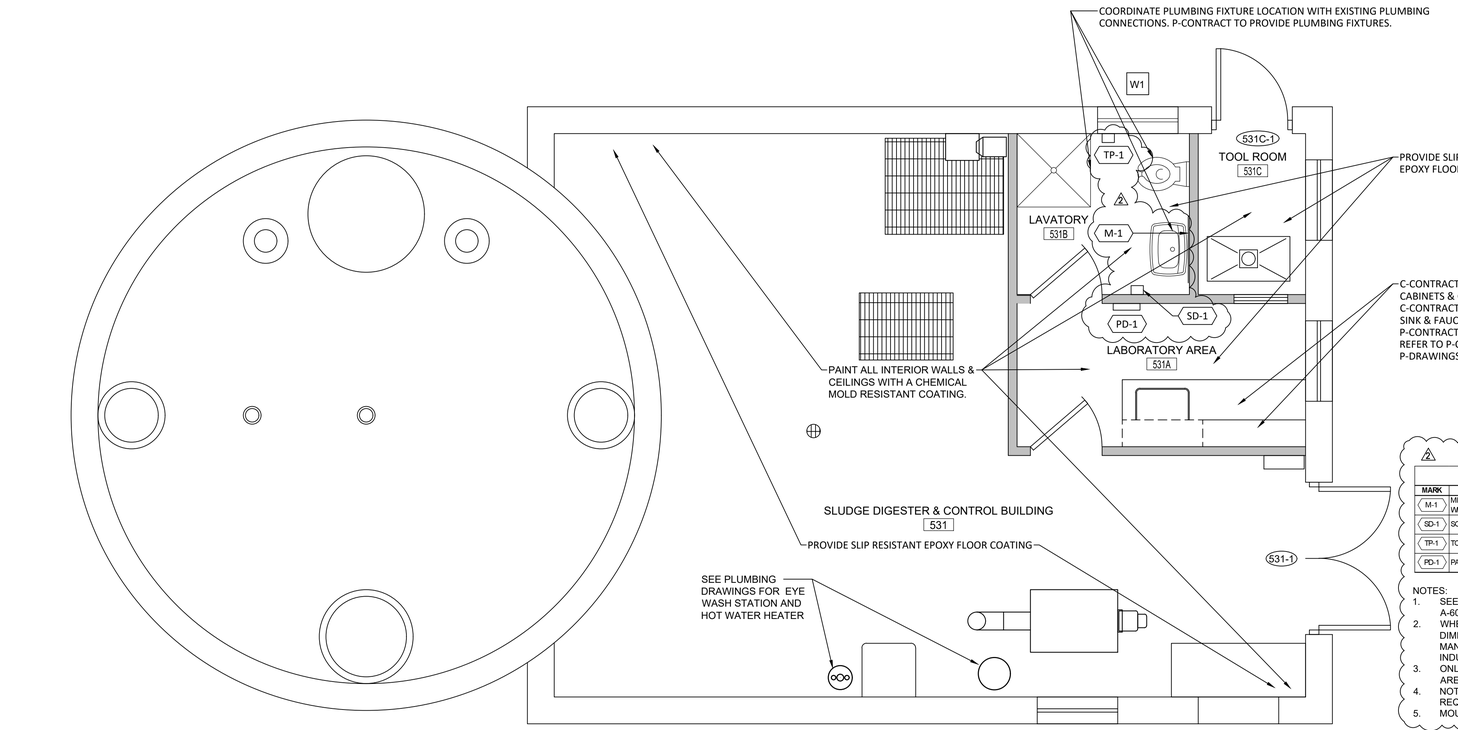
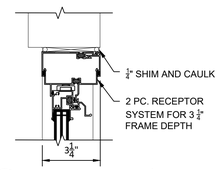
NOTE: SEE SPEC SECTION 123553.13 MTL LAB CASEWORK

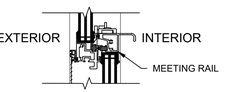


2 SLUDGE DIGESTER AND CONTROL BUILDING PLAN
SCALE: 3/8" = 1'-0"

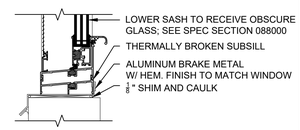
4 WINDOW TYPE
SCALE: 1/2" = 1'-0"



5 WINDOW HEAD/JAMB DETAIL
SCALE: 3" = 1'-0"



6 INTERMEDIATE RAIL DETAIL
SCALE: 3" = 1'-0"



7 WINDOW SILL DETAIL
SCALE: 3" = 1'-0"

TOILET ACCESSORY SCHEDULE

MARK	DESCRIPTION	BASIS OF DESIGN	MOUNTING	FINISH
M-1	MIRROR, 18" X24", FRAMED WITH INTEGRAL 3" SHELF	BOBRICK B-166 1824	WALL-MOUNTED, CONCEALED BRACKET	TYPE 304 SS, NO. 4
SD-1	SOAP DISPENSER	BOBRICK B-2111	WALL-MOUNTED	TYPE 304 SS, SATIN
TP-1	TOILET PAPER DISPENSER	BOBRICK B-76857	WALL-MOUNTED	TYPE 304 SS, SATIN
PD-1	PAPER TOWEL DISPENSER	BOBRICK B-262	SURFACE-MOUNTED	TYPE 304 SS, SATIN

NOTES:
1. SEE FIXTURE AND ACCESSORY REQUIREMENTS ON SHEET A-600 FOR MOUNTING HEIGHTS.
2. WHERE MOUNTING HEIGHTS ARE NOT SPECIFICALLY DIMENSIONED, INSTALL IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND STANDARD INDUSTRY PRACTICE.
3. ONLY FIXTURES AND ACCESSORIES KEYED ON DRAWINGS ARE INCLUDED IN THIS PROJECT.
4. NOT ALL ITEMS LISTED IN THE FIXTURE AND ACCESSORY REQUIREMENTS ON SHEET A-600 ARE USED.
5. MOUNTING HEIGHTS ARE NOT REQUIRED TO COMPLY WITH ADA.

REVISED DRAWING 02/25/2026

36x24 PLOT SHEET

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CONSULTANT: ENVIRONMENTAL DESIGN PARTNERSHIP, LLP

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CERTIFICATE OF AUTHORIZATION #: 020682

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REGISTERED ARCHITECT FRANCINE WALLACE 037384 STATE OF NEW YORK
EXPIRATION DATE: 02/28/2026

CONTRACT:
CONSTRUCTION

TITLE:
REHABILITATE WASTEWATER TREATMENT PLANT

LOCATION:
OTISVILLE CORRECTIONAL FACILITY
57 SANITARIUM ROAD
OTISVILLE, NY 10963

CLIENT:
NEW YORK STATE DEPARTMENT OF CORRECTIONS AND COMMUNITY SUPERVISION

MARK	DATE	DESCRIPTION
2	02/25/2026	ADDENDUM 2
1	01/16/2026	BID DOCUMENT

PROJECT NUMBER:	46069 - C
DESIGNED BY:	CRB
DRAWN BY:	CRB
FIELD CHECK:	FSW
APPROVED:	FSW

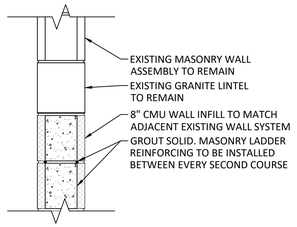
SHEET TITLE:
SLUDGE DIGESTER AND CONTROL BUILDING REMOVAL PLAN & FLOOR PLAN

DRAWING NUMBER:
A–531

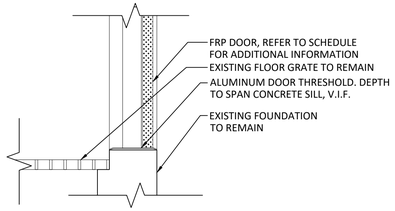
SHEET 11 OF 56

10 EXTERIOR PHOTO
SCALE: NTS

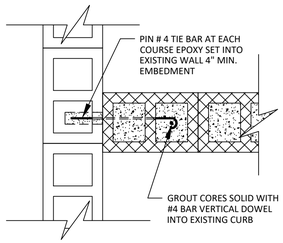
9 INTERIOR PHOTO
SCALE: NTS



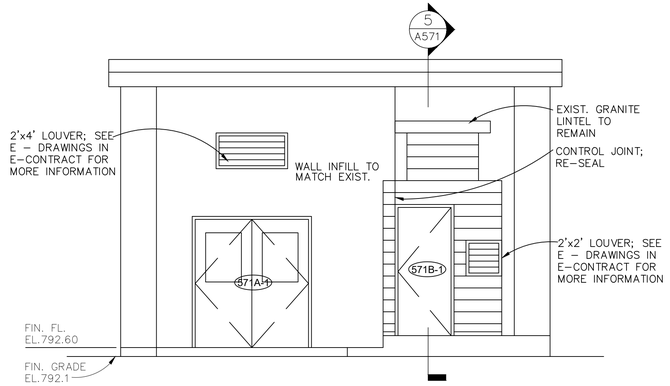
8 DETAIL
SCALE: 1" = 1'-0"



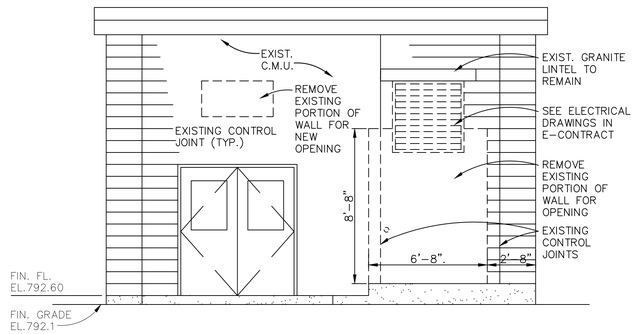
7 DETAIL
SCALE: 1" = 1'-0"



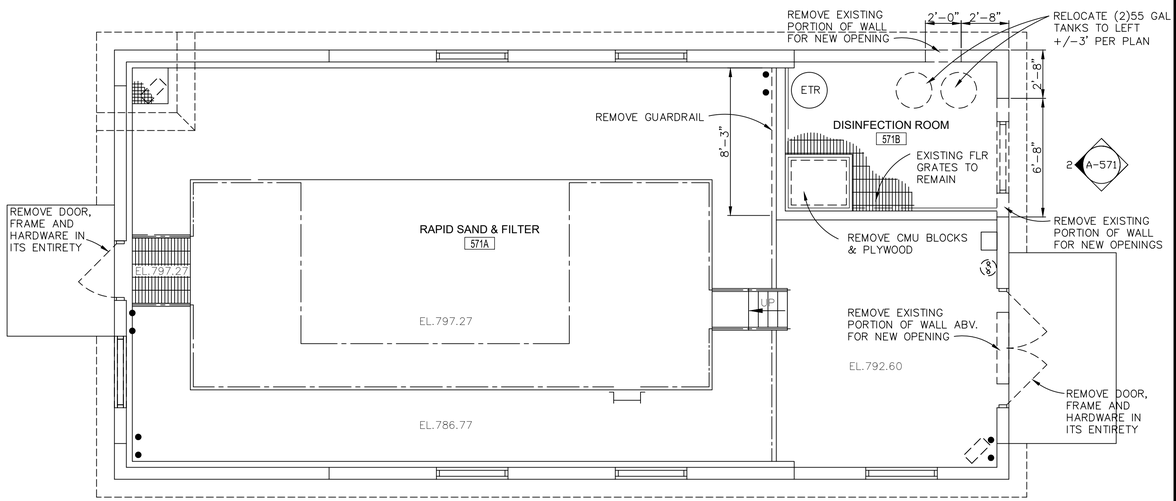
6 DETAIL
SCALE: 1" = 1'-0"



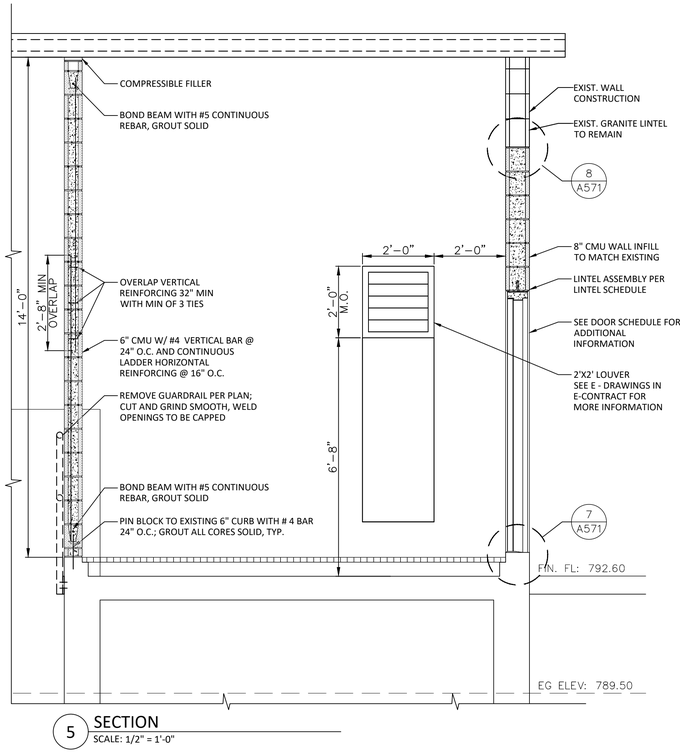
4 WEST ELEVATION
SCALE: 1/4" = 1'-0" NOTE: SEE LINTEL SCHEDULE ON A–600 FOR LINTEL ASSEMBLIES AT ALL NEW OPENINGS



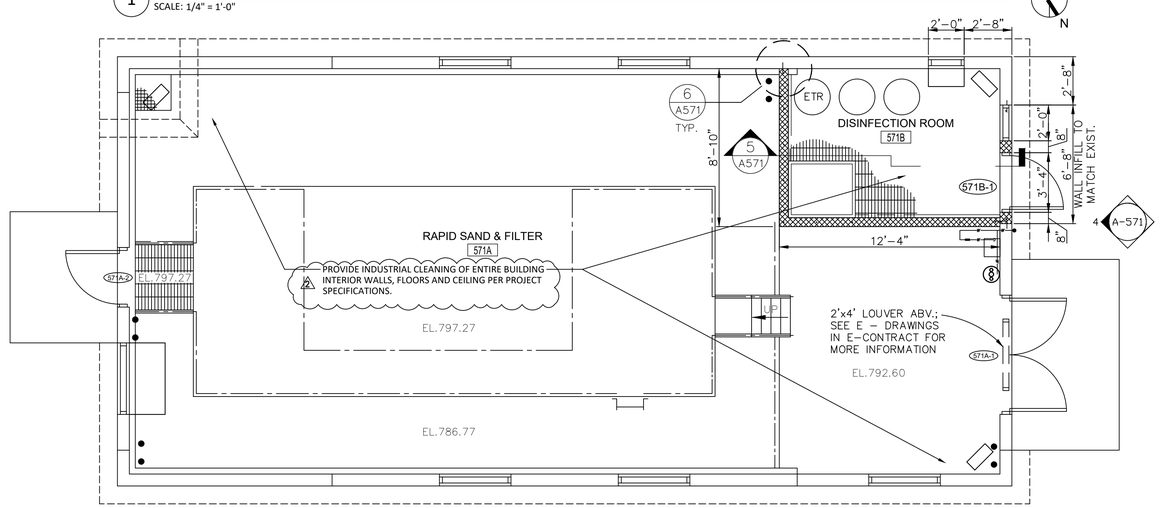
2 WEST ELEVATION REMOVALS
SCALE: 1/4" = 1'-0"



1 RAPID SAND FILTER BED BUILDING REMOVAL PLAN
SCALE: 1/4" = 1'-0"



5 SECTION
SCALE: 1/2" = 1'-0"



3 RAPID SAND FILTER BED BUILDING PLAN
SCALE: 1/4" = 1'-0"

REVISED DRAWING 02/25/2026

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CERTIFICATE OF AUTHORIZATION #: 020682

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REGISTERED ARCHITECT FRANCINE WALLACE 037384 STATE OF NEW YORK
EXPIRATION DATE: 02/28/2026

CONTRACT:
CONSTRUCTION

TITLE:
REHABILITATE WASTEWATER TREATMENT PLANT

LOCATION:
OTISVILLE CORRECTIONAL FACILITY
57 SANITARIUM ROAD
OTISVILLE, NY 10963

CLIENT:
NEW YORK STATE DEPARTMENT OF CORRECTIONS AND COMMUNITY SUPERVISION

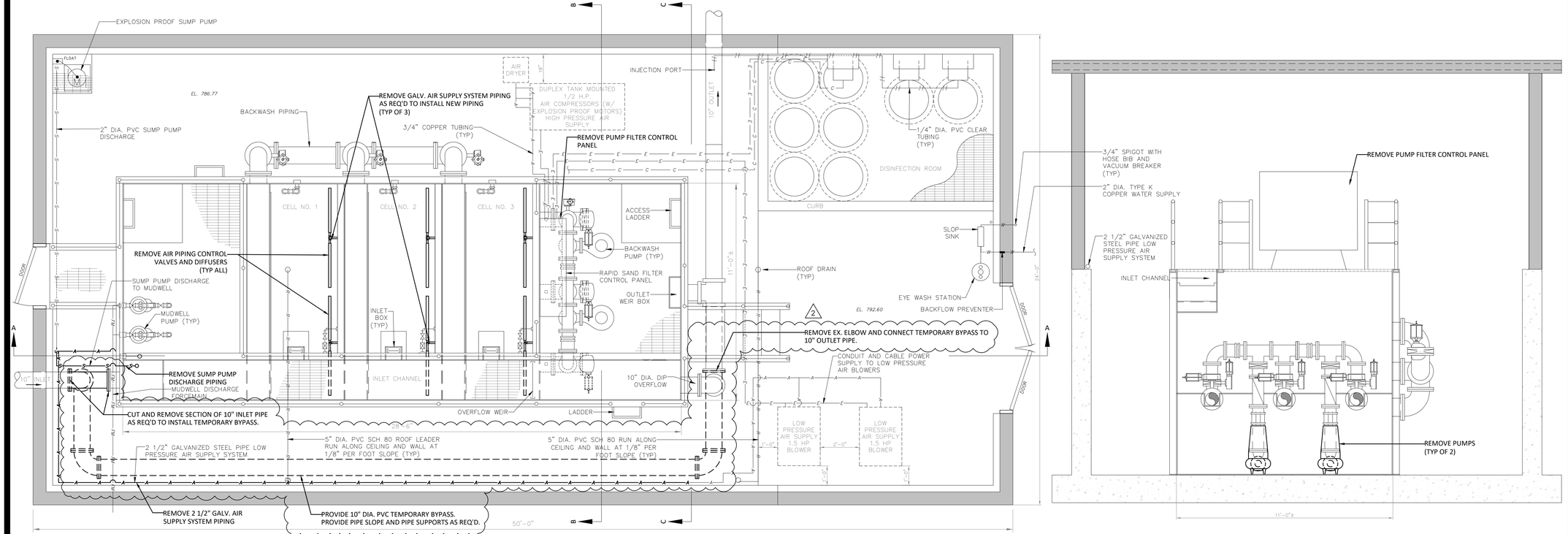
MARK	DATE	DESCRIPTION
2	02/25/2026	ADDENDUM 2
1	01/16/2026	BID DOCUMENT

PROJECT NUMBER:	46069 - C
DESIGNED BY:	FSW
DRAWN BY:	CRB
FIELD CHECK:	FSW
APPROVED:	FSW

SHEET TITLE:
RAPID SAND FILTER BED BUILDING REMOVAL PLAN, FLOOR PLAN, ELEVATIONS & DETAILS

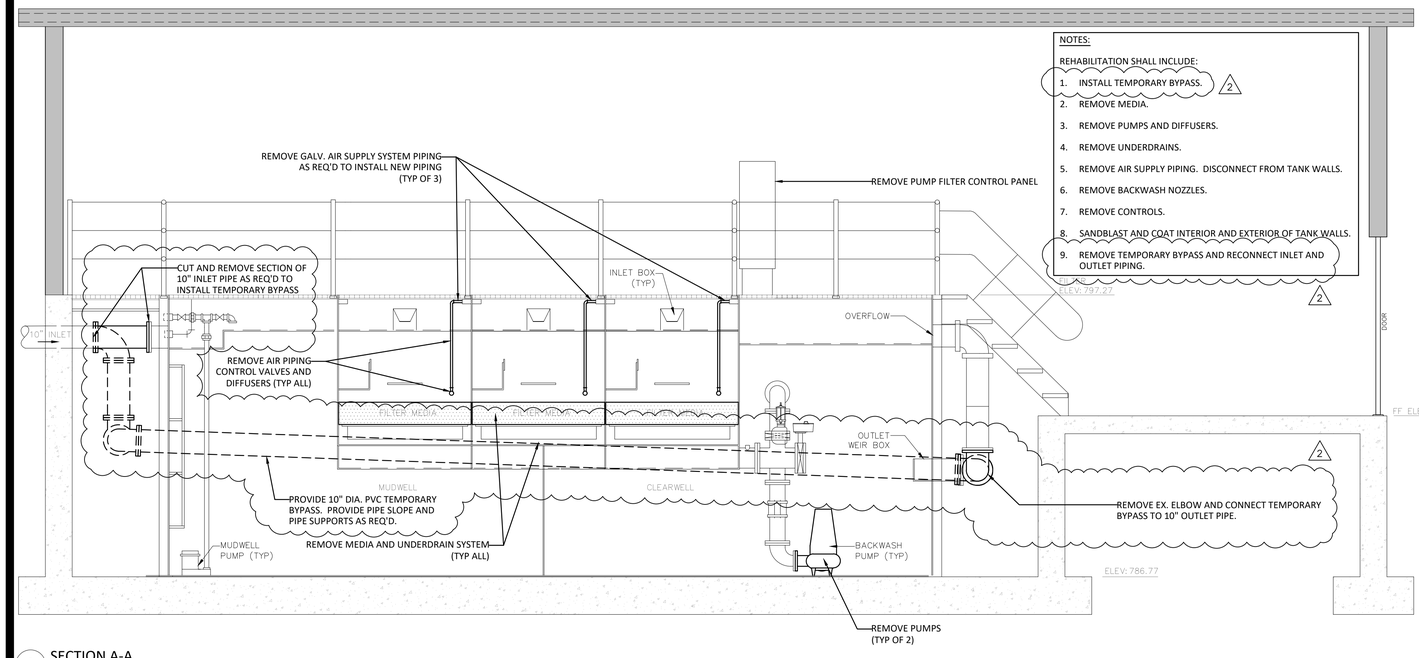
DRAWING NUMBER:
A–571

SHEET 15 OF 56



1 PLAN
SCALE: 3/8" = 1'-0"

3 SECTION B-B
SCALE: 3/8" = 1'-0"



2 SECTION A-A
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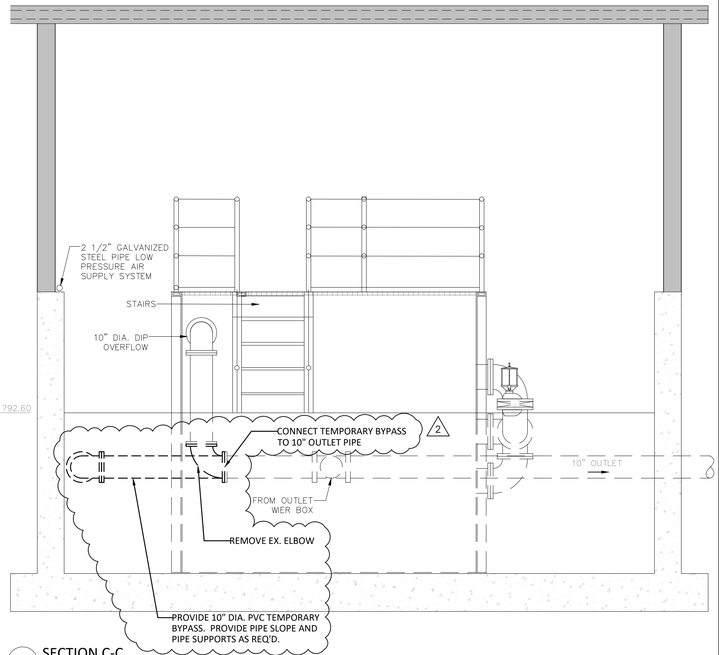

4 SECTION C-C
SCALE: 3/8" = 1'-0"

REVISED DRAWING 02/25/2026

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Adirondack Mountain Engineering, PC
CERTIFICATE OF AUTHORIZATION #: 020759

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STATE OF NEW YORK · EDWIN HERNANDEZ · 077136 · LICENSED PROFESSIONAL ENGINEER

EXPIRATION DATE: 12/31/2028

CONTRACT:
CONSTRUCTION

TITLE:
REHABILITATE WASTEWATER TREATMENT PLANT

LOCATION:
OTISVILLE CORRECTIONAL FACILITY
57 SANITARIUM ROAD
OTISVILLE, NY 10963

CLIENT:
NEW YORK STATE DEPARTMENT OF CORRECTIONS AND COMMUNITY SUPERVISION

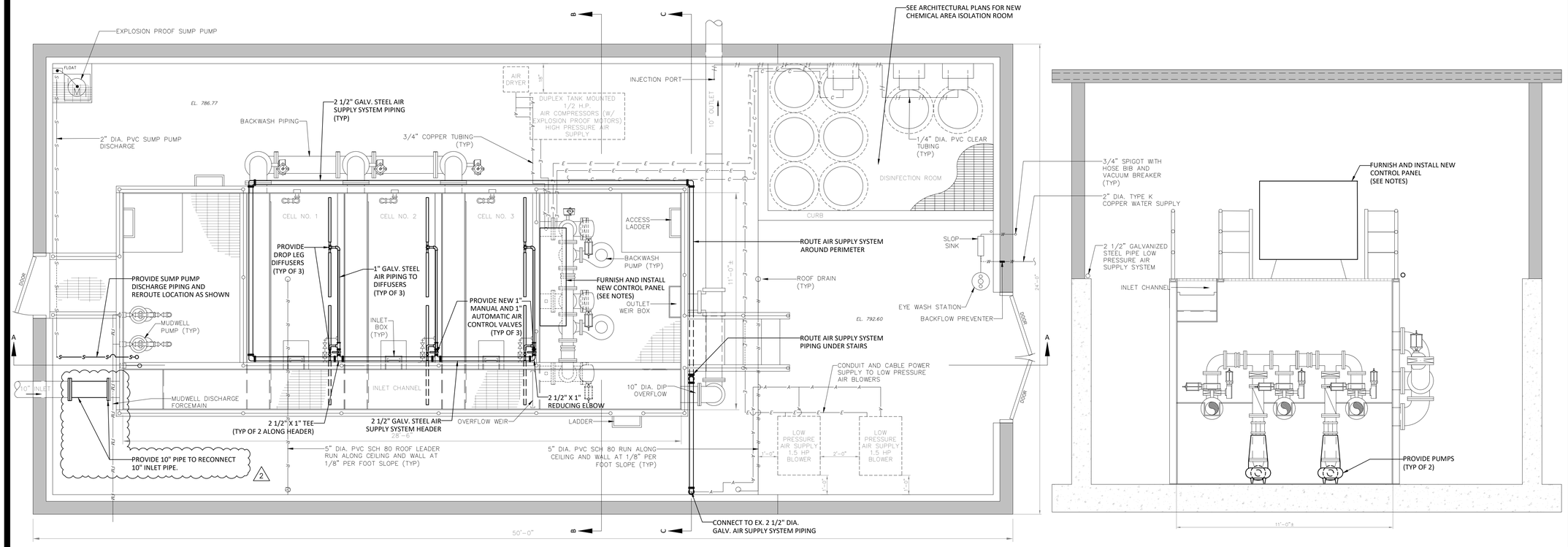
MARK	DATE	DESCRIPTION
2	02/25/2026	ADDENDUM 2
1	01/16/2026	BID DOCUMENT

PROJECT NUMBER:	46069 - C
DESIGNED BY:	WN
DRAWN BY:	WN
FIELD CHECK:	EH
APPROVED:	EH

SHEET TITLE:
RAPID SAND FILTER BED BUILDING EXISTING CONDITIONS AND REMOVALS

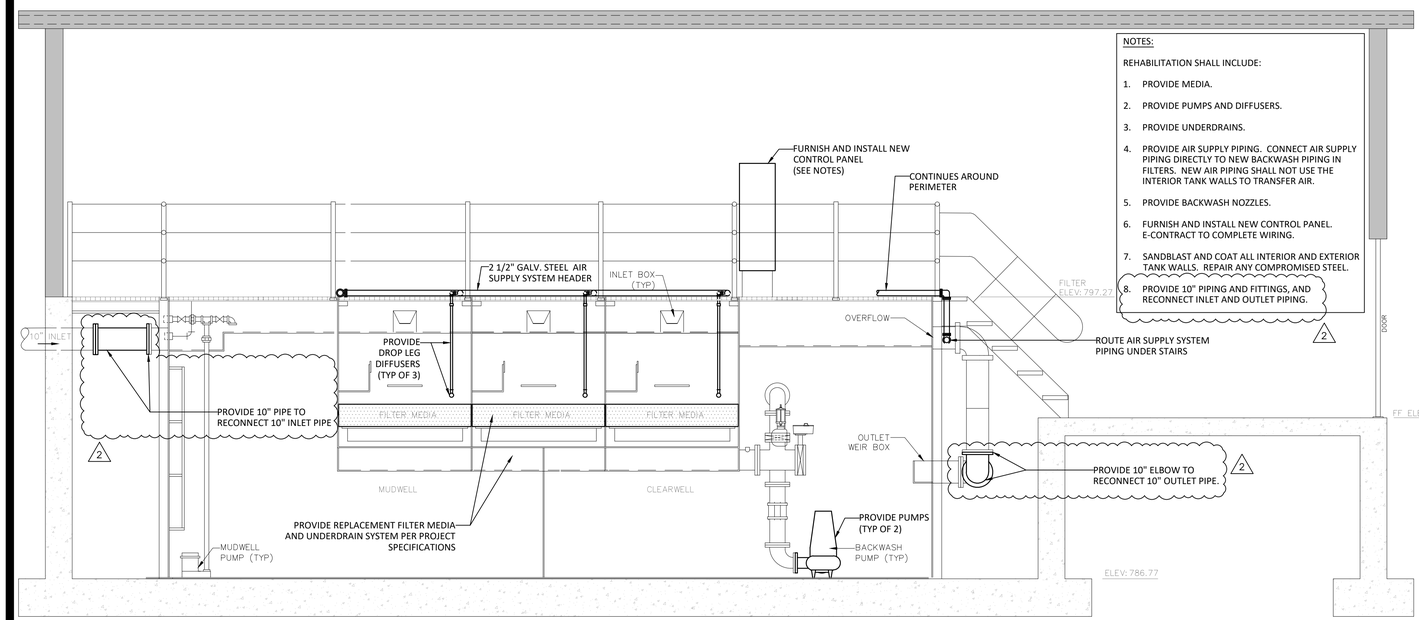
DRAWING NUMBER:
M–571

SHEET 33 OF 56



1 PLAN
SCALE: 3/8" = 1'-0"

3 SECTION B-B
SCALE: 3/8" = 1'-0"



2 SECTION A-A
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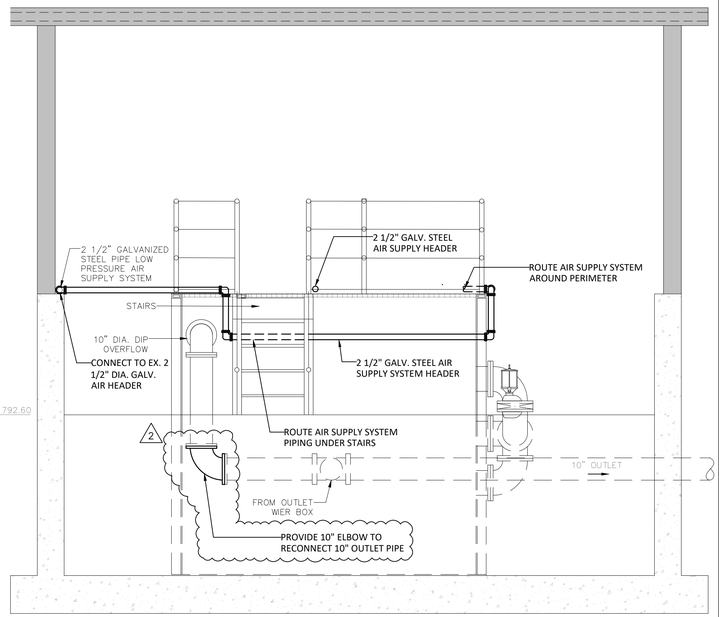

4 SECTION C-C
SCALE: 3/8" = 1'-0"

REVISED DRAWING 02/25/2026

36x24 PLOT SHEET

NEW YORK STATE | Office of General Services
DESIGN & CONSTRUCTION

CONSULTANT: ENVIRONMENTAL DESIGN PARTNERSHIP, LLP

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Adirondack Mountain Engineering, PC
CERTIFICATE OF AUTHORIZATION #: 020759

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STATE OF NEW YORK · EDWARD J. HERNANDEZ · 077134 · LICENSED PROFESSIONAL ENGINEER

EXPIRATION DATE: 12/31/2028

CONTRACT:
CONSTRUCTION

TITLE:
REHABILITATE WASTEWATER TREATMENT PLANT

LOCATION:
OTISVILLE CORRECTIONAL FACILITY
57 SANITARIUM ROAD
OTISVILLE, NY 10963

CLIENT:
NEW YORK STATE DEPARTMENT OF CORRECTIONS AND COMMUNITY SUPERVISION

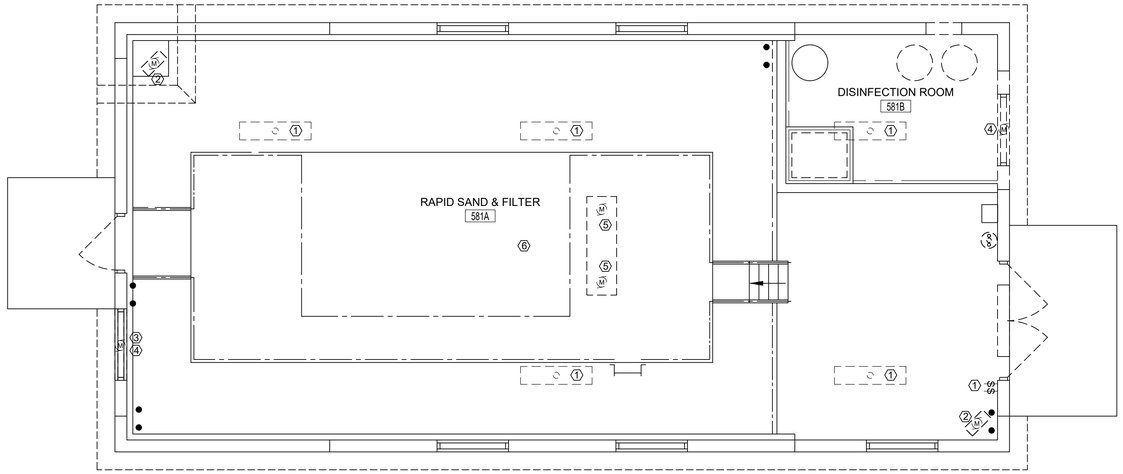
2	02/25/2026	ADDENDUM 2
1	01/16/2026	BID DOCUMENT
MARK	DATE	DESCRIPTION

PROJECT NUMBER:	46069 - C
DESIGNED BY:	WN
DRAWN BY:	WN
FIELD CHECK:	EH
APPROVED:	EH

SHEET TITLE:
RAPID SAND FILTER BED BUILDING DETAILS

DRAWING NUMBER:
M–572

SHEET 34 OF 56



1 RAPID SAND FILTER BUILDING REMOVAL PLAN

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

GENERAL NOTES:

1. NOTE ALL ELECTRIC EQUIPMENT AND WIRING WITHIN THIS BUILDING SHALL MEET THE REQUIREMENTS OF NATIONAL ELECTRIC CODE CLASS 1, DIVISION 1, GROUP D.
2. COORDINATE ALL CEILING AND SECONDARY CEILING REMOVAL WITH MECHANICAL, AND ARCHITECTURAL REMOVALS. REFER TO M AND A DRAWINGS FOR MORE INFORMATION REGARDING REMOVALS.

REMOVAL KEY NOTES:

① REMOVE EXISTING LIGHT FIXTURE. MAINTAIN EXISTING WIRING, AND CONDUIT. REMOVE (2) EXISTING TOGGLE-SWITCHES ON WALL.

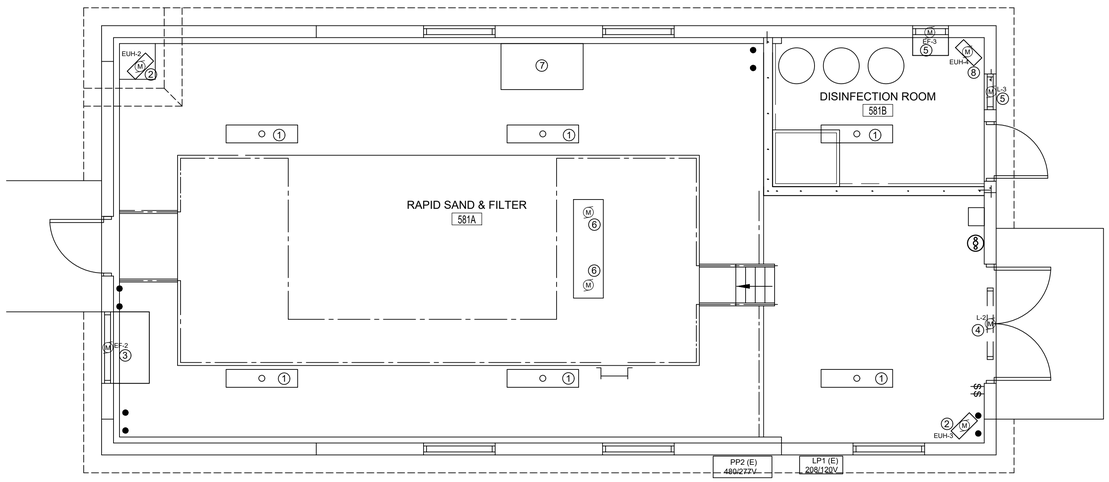
② ELECTRIC UNIT HEATER TO BE REMOVED. DISCONNECT CONDUIT AND WIRE AND SAVE FOR REUSE.

③ EXHAUST FAN TO BE REMOVED. DISCONNECT CONDUIT AND WIRE AND SAVE FOR REUSE.

④ LOUVER, DAMPER, AND ACTUATOR TO BE REMOVED. DISCONNECT CONDUIT AND WIRE AND SAVE FOR REUSE.

⑤ PRIOR TO BEGINNING WORK, TAKE PHOTOS OF EXISTING SAND FILTER CONTROL PANEL INTERIOR. LABEL AND DISCONNECT ALL WIRE AND CONDUIT TO PANEL AND ASSOCIATED DEVICES. C-CONTRACT SHALL REMOVE CONTROL PANEL AND ASSOCIATED DEVICES. REMOVE ALL ASSOCIATED WIRING AND CONDUITS.

⑥ DISCONNECT POWER TO TWO EXISTING PUMPS.



2 RAPID SAND FILTER BUILDING PLAN

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

CONSTRUCTION KEY NOTES:

① PROVIDE NEW LED FIXTURE. BASIS OF DESIGN IS RAB HAZSHARK-4-/E. FIXTURE SHALL BE IP66, UL1598, UL8750 AND UL844 RATED WITH INTEGRAL BATTERY BACK UP. CONNECT FIXTURE TO EXISTING WIRING, CONDUIT AND CONTROLS.

② PROVIDE ELECTRICAL CONNECTION TO ELECTRIC HEATER USING EXISTING CONDUIT AND WIRES. REFER TO SCHEDULE ON DRAWING E-591.

③ PROVIDE ELECTRICAL CONNECTION TO EXHAUST FAN USING EXISTING CONDUIT AND WIRES. REFER TO SCHEDULE ON DRAWING E-591.

④ PROVIDE ELECTRICAL CONNECTION TO ACTUATOR USING EXISTING CONDUIT AND WIRES. REFER TO SCHEDULE ON DRAWING E-591.

⑤ PROVIDE ELECTRICAL CONNECTION TO ACTUATOR AND EXHAUST FAN. IN PANEL LP2 PROVIDE A NEW 1-POLE, 20A, CIRCUIT BREAKER. CONNECT EXHAUST FAN AND ACTUATOR TO NEW BREAKER USING 2-#12 AWG AND 1-#10 GND, IN 3/4" CONDUIT.

⑥ NOTE CONTROL PANEL AND ASSOCIATED EQUIPMENT SHALL BE PROVIDED AND INSTALLED BY THE C-CONTRACT. THE E-CONTRACT SHALL PROVIDE COMPLETE WIRING FOR THE FILTER CONTROL PANEL INCLUDING:
A. POWER WIRING TO PANEL PP2, USING 1-1/4" C WITH 3-#3 & 1-#6 GND. AWG.
B. (4) LEVEL SWITCHES USING 3/4" C WITH 2-#12 AWG.
C. (2) BACK WASH PUMPS USING 3/4" C WITH 6-#10 & 1-#12 GND. AWG.
D. (2) MUD WELL PUMPS USING 3/4" C WITH 3-#12 & 1-#12 GND. AWG.
E. (2) BLOWERS USING 3/4" C WITH 3-#12 & 1-#12 GND. AWG.
F. (1) CHEMICAL CLEAN SYSTEM USING 3/4" C WITH 2-#12 & 1-#12 GND. AWG.
G. (3) CELLS EACH USING 3/4" C WITH 8-#12 AWG. (2 FOR SOLENOID POWER, 5 FOR SWITCHES, AND 1 GND.

REFER TO DRAWING M-573 FOR ADDITIONAL INFORMATION.

⑦ NOTE THE AIR COMPRESSOR AND ASSOCIATED EQUIPMENT SHALL BE PROVIDED AND INSTALLED BY THE C-CONTRACT. THE E-CONTRACT SHALL PROVIDE COMPLETE WIRING FOR THE AIR COMPRESSOR PANEL INCLUDING:
A. POWER WIRING TO PANEL PP2, USING 3/4" C WITH 3-#12 & 1-#12 GND. AWG.
B. (1) PRESSURE SWITCH USING 3/4" C WITH 2-#12 AWG.
C. (2) COMPRESSOR MOTORS USING 3/4" C WITH 3-#12 & 1-#12 GND. AWG.
REFER TO DRAWING M-573 FOR ADDITIONAL INFORMATION.

⑧ PROVIDE ELECTRICAL CONNECTION TO NEW UNIT HEATER. IN PANEL PP2, PROVIDE A NEW 3-POLE, 40A, CIRCUIT BREAKER, CONNECT UNIT HEATER TO NEW BREAKER USING 3-#8 AWG AND 1-#10 GND, IN 3/4" CONDUIT.

REVISED DRAWING 02/25/2026

36x24 PLOT SHEET

NEW YORK STATE | Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT: ENVIRONMENTAL DESIGN PARTNERSHIP, LLP

ENVIRONMENTAL DESIGN PARTNERSHIP, LLP.
edpllp.com

PDC
CERTIFICATE OF AUTHORIZATION #: 020682

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STATE OF NEW YORK · DONALD J. MIDDLETON · 075791 · LICENSED PROFESSIONAL ENGINEER

EXPIRATION DATE: 10/31/2027

CONTRACT:
ELECTRICAL

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1	01/16/2026	BID DOCUMENT

PROJECT NUMBER:	46069 - E
DESIGNED BY:	CHS
DRAWN BY:	CDP
FIELD CHECK:	CHS
APPROVED:	DJM

SHEET TITLE:
RAPID SAND FILTER BED BUILDING

DRAWING NUMBER:
E–571

SHEET 49 OF 56