



STATE OF NEW YORK  
OFFICE OF GENERAL SERVICES  
DESIGN AND CONSTRUCTION GROUP  
THE GOVERNOR NELSON A. ROCKEFELLER  
EMPIRE STATE PLAZA  
ALBANY, NY 12242



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**ADDENDUM NO. 1 TO PROJECT NO. 44791-C**

**CONSTRUCTION WORK  
REHABILITATE WINGS 1-4,  
ASBESTOS ABATEMENT  
TILE FLOORS  
BROOKWOOD SECURE CENTER  
PO BOX 419, CR 29  
CLAVERACK, NY 12513**

January 24, 2014

**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.

**INTRODUCTORY INFORMATION**

1. Page 000110 - 2: Add "DIVISION 06 – WOOD, PLASTICS AND COMPOSITES, Section Number and Title, 062000 Finish Carpentry".
2. Page 000110 - 2: Add "DIVISION 07 – THERMAL AND MOISTURE PROTECTION, Section Number and Title, 079200 Joint Sealers".
3. Page 000110 - 2: Change "DIVISION 03 – 08 NOT USED" to "DIVISION 03 – 05 and 08 NOT USED".

**SPECIFICATIONS**

4. Section 062000 Finish Carpentry: Add the attached Section (pages 062000 - 1 through 062000 - 3) to the Project Manual.
5. Section 079200 Joint Sealers: Add the attached Section (pages 079200 - 1 through 079200 - 3) to the Project Manual.
6. Section 099101 Construction Painting: Discard the Section bound in the Project Manual and insert in its place the attached Section (pages 099101 - 1 through 099101 - 11) noted "Revised 01/23/2014".

**DRAWINGS**

7. Drawing No. A-101, Asbestos Abatement Notes: Add the following sentence to Asbestos Abatement Note number 1:

"Ventilation access shall be through the containment area access for each work area as indicated on the floor plans."

8. Drawing No. A-102, Flooring Detail 5/A-502: Change Note “Epoxy Paint over existing concrete” to “Epoxy Paint (Paint Type HPE) over existing concrete”
9. Drawing No. A-102, General Note 1: Add “(Paint Type HPE)” after the phrase “Epoxy Finish”
10. Drawing No. A-102, Legend, at shaded symbol description: Add “(Paint Type HPE)” after the phrase “Epoxy Finish”
11. Drawing No. A-102, Furniture Relocation Notes: Change Heading “Furniture Relocation Notes” to “Furniture Removal And Reinstallation Notes”
12. Drawing No. A-102, Furniture Removal And Reinstallation Note 2: Add “(Paint Type HPE)” after the phrase “Epoxy Flooring”
13. Drawing No. A-102, Furniture Removal And Reinstallation Notes: Add the following Note number 6:

“6. The Contractor shall store all the aforementioned furniture, beds and desks, in a storage container on site. These furniture items are the only items that will be in the bedrooms at the commencement of the Work of this contract. Refer to drawing number G-001 for storage container(s) location, size and quantity.”
14. Drawing No. A-102, Wall Base Detail 7/A-102: Delete all Notes “Vinyl Wall Base” in their entirety and insert the following Note in their place:

“Wood Base: Hardwood, 1”x4” nominal, chamfer exposed top edge ¼”, set in bed of construction adhesive at all wall surfaces. Mechanically fasten to existing construction with approved anchors at 8” on center maximum spacing, staggered high and low, countersunk, fill with wood putty. Provide pre-drilled pilot holes through the wood base and into the existing masonry wall construction. Finish with Paint Type IAL-4. Seal top joint between base and wall with Type 6 Sealant, continuous. Refer to applicable specification sections.”
15. Revised Drawing:
  - a. Drawing Numbers G-001, noted “REVISED DRAWING 01/23/2014” accompanies this Addendum and supersedes the same numbered originally issued drawing.

**END OF ADDENDUM**

James Dirolf, P.E.  
Director of Design

DWM

## **SECTION 062000**

### **FINISH CARPENTRY**

#### **PART 1 GENERAL**

##### **1.01 RELATED WORK SPECIFIED ELSEWHERE**

- A. Joint Sealers: Section 079200.
- B. Construction Painting: Section 099101.

##### **1.02 REFERENCES**

- A. Comply with the applicable provisions of the "Architectural Woodwork Standards" (First Edition-2009) (AWS) except as otherwise specified herein. References to "Premium", "Custom" and "Economy" Grades herein, shall be as defined in that Standard.
- B. Lumber Standard: AWS Section 3.

##### **1.03 SUBMITTALS**

- A. Shop Drawings: Show fabrication details and connections to adjacent Work.
- B. Samples:
  - 1. Painted Finish Wall Base Samples: two (2) 1 x 4 x 12 inches long, hardwood species as specified, with IAL-4 paint finish.
  - 2. Anchors: 2 units, each type of masonry fastener.

##### **1.04 QUALITY ASSURANCE**

- A. Mill and Producer's Label: Each lumber and panel item shall bear label indicating type, grade, mill, and grading agency on unfinished surface, or on end of material with finished surfaces.

##### **1.05 DELIVERY, STORAGE, AND HANDLING**

- A. Store materials and completed fabricated wood items in a dry, well ventilated area completely protected from the weather. Comply with temperature and humidity requirements for storage and installation as specified in the applicable quality standards.
- B. Protect sanded and prefinished surfaces during handling and installation. Keep such surfaces covered with polyethylene film or other suitable protective covering.

## **1.06 PROJECT CONDITIONS**

- A. Environmental Requirements: Maintain constant minimum temperature of 60 degrees F and maximum relative humidity of 55 percent in spaces to receive the Work of this Section.

## **PART 2 PRODUCTS**

### **2.01 MATERIALS**

- A. Lumber: Kiln-dried to 12 percent average moisture content for exterior Work; 8 percent for interior Work.
  - 1. Anchors: concrete masonry screws, Tapcon or equivalent, 3/16" x 1 3/4", standard flat head.
  - 2. Construction Adhesive: premium water-based, Loctite PL 375 or equal, heavy duty multipurpose adhesive for wood and masonry application, low VOC compliant.

### **2.02 RUNNING TRIM**

- A. Comply with AWS Sections 6 and/or 12 as applicable, and as otherwise specified herein.
- B. Interior Woodwork (to receive paint finish): AWS Custom Grade.
  - 1. Species; Solid Wood: Any closed-grain hardwood complying with AWS Section 3 for the quality grade specified.

### **2.03 FABRICATION**

- A. Machine and sand wood surfaces to comply with the requirements of the AWS Quality Grade specified.
- B. Mill assemble items to largest sizes practicable, to minimize field cutting and jointing. Allow for cutting and fitting where necessary to fit at the Site.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Verification of Conditions: Examine substrate conditions and surfaces upon which finish Work is to be installed. Do not proceed with finish Work until unsatisfactory substrate conditions are corrected.

**3.02 PREPARATION**

- A. Condition the Work of this Section to average prevailing humidity conditions in installation areas prior to installing.

**3.03 INSTALLATION**

- A. Comply with workmanship and finishing standard requirements of the AWS Quality Grade specified herein.
- B. Install the Work plumb, level, and free of distortion. Shim where required, with concealed shims.
- C. Distribute defects to the greatest appearance advantage possible.
- D. Trim and Moulding: Install in single, unjointed lengths at openings and for runs less than the maximum lumber length available. For long runs, use only 1 piece less than the maximum length available in any straight run. Stagger joints in adjacent members. Cope moulding at returns. Miter at corners.

**3.04 CLEANING**

- A. Clean exposed surfaces of prefinished Work.

**3.05 PROTECTION**

- A. Protect installed Work from damage by Work of other trades. Maintain temperature and humidity requirements during the construction period in interior installation areas.

**END OF SECTION**

## SECTION 079200

### JOINT SEALERS

#### PART 1 GENERAL

##### 1.01 RELATED WORK SPECIFIED ELSEWHERE

- A. Finished Carpentry: Section 062000.

##### 1.02 SUBMITTALS

- A. Product Data: Catalog sheets, specifications, and installation instructions for each product specified except miscellaneous materials.
- B. Samples:
  - 1. Sealants: One pint or standard tube.

##### 1.03 PROJECT CONDITIONS

- A. Environmental Requirements:
  - 1. Temperature: Unless otherwise approved or recommended in writing by the sealant manufacturer, do not install sealants at temperatures below 40 degrees F or above 85 degrees F for non silicone sealants and below minus 20 degrees F or above 125 degrees F for silicone sealants.
  - 2. Humidity and Moisture: Do not install the Work of this section under conditions that are detrimental to the application, curing, and performance of the materials.
  - 3. Ventilation: Provide sufficient ventilation wherever sealants, primers, and other similar materials are installed in enclosed spaces. Follow manufacturer's recommendations.
- B. Protection:
  - 1. Protect all surfaces adjacent to sealants with non-staining removable tape or other approved covering to prevent soiling or staining.
  - 2. Protect all other surfaces in the Work area with tarps, plastic sheets, or other approved coverings to prevent defacement from droppings.

#### PART 2 PRODUCTS

##### 2.01 SEALANTS

- A. Type 6 Sealant (flexible security sealant):
  - 1. Two part, non-sag, 25% total joint movement, elastomeric polyurethane; Pecora Dynaflex.
  - 2. One-component 25% total joint movement, elastomeric, aliphatic, polyurethane; Pecora Dynaflex SC, Sonneborn Sonolastic Ultra.

- B. Sealant Colors: For exposed materials provide color as indicated or, if not indicated, as selected by the Director from manufacturer's standard colors.

## **2.02 MISCELLANEOUS MATERIALS**

- A. Joint Primer/Sealer/Conditioner: As recommended by the sealant manufacturer for the particular joint surface materials and conditions.
  - 1. For Type 6 Sealant (two part):
    - a. Pecora No. P-100 for non-porous substrates.
    - b. Pecora No. P-75 or P-200 for porous substrates.
  - 2. For Type 6 Sealant (one component):
    - a. Pecora No. P-100 for non-porous substrates.
    - b. Pecora No. P-75 for porous substrates.
    - c. Sonneborn No. 733 or 766 for porous or non- porous substrates.
- B. Backer Rod: Compressible rod stock of expanded, extruded polyethylene.
- C. Bond Breaker Tape: Polyethylene or other plastic tape as recommended by the sealant manufacturer; non-bonding to sealant; self adhesive where applicable.
- D. Cleaning Solvents: Oil free solvents as recommended by the sealant manufacturer. Do not use re-claimed solvents.
- E. Masking Tape: Removable paper or fiber tape, self-adhesive, non-staining.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Examine all joint surfaces for conditions that may be detrimental to the performance of the completed Work. Do not proceed until satisfactory corrections have been made.

### **3.02 PREPARATION**

- A. Clean joint surfaces immediately before installation of sealant and other materials specified in this Section.
  - 1. Remove all loose materials, dirt, dust, rust, oils and other foreign matter that will impair the performance of materials installed under this Section.
  - 2. Remove lacquers, protective coatings and similar materials from joint faces with manufacturer's recommended solvents.
  - 3. Do not limit cleaning of joint surfaces to solvent wiping. Use methods such as grinding, acid etching or other approved and manufacturer's recommended means, if required, to clean the joint surfaces, assuring that the sealant materials will obtain positive and permanent adhesion.
- B. Priming Joint Surfaces:
  - 1. Prime joints which are to receive Type 6 Sealants.
  - 2. Do not allow the primer/sealer to spill or migrate onto adjoining surfaces.

### **3.03 SEALANT INSTALLATION**

- A. Except as shown or specified otherwise, install sealants in accordance with the manufacturer's printed instructions.
- B. Install sealants with ratchet hand gun or other approved mechanical gun. Where gun application is impractical, install sealant by knife or by pouring as applicable.
- C. Finishing: Tool all vertical, non-sag sealants so as to compress the sealant, eliminating all air voids and providing a neat smoothly finished joint. Provide slightly concave joint surface, unless otherwise indicated or recommended by the manufacturer.
  - 1. Use tool wetting agents as recommended by the sealant manufacturer.

### **3.04 CLEANING**

- A. Immediately remove misapplied sealant and droppings from metal surfaces with solvents and wiping cloths. On other materials, remove misapplied sealant and droppings by methods and materials recommended in writing by the manufacturer of the sealant material.
- B. After sealants are applied and before skin begins to form on sealant, remove all masking and other protection and clean up remaining defacement caused by the Work.

**END OF SECTION**

**SECTION 099101**  
**CONSTRUCTION PAINTING**

**PART 1 GENERAL**

**1.01 RELATED WORK SPECIFIED ELSEWHERE**

- A. Finish Carpentry: Section 062000.

**1.02 DEFINITIONS**

- A. The word “paint” in this Section refers to substrate cleaners, fillers, sealers, primers, undercoats, enamels and other first, intermediate, last or finish coatings.
- B. The word “primer” in this Section refers to substrate cleaners, fillers, sealers, undercoats, and other first or intermediate coats beneath the last or finish coating.
- C. The words “finish paint” in this Section refers to the last or final coat and previous coats of the same material or product directly beneath the last or final coat.
- D. Finish Paint Systems: Finish paint and primers applied over the same substrate shall be considered a paint system of products manufactured or recommended by the finish coat manufacturer.
  - 1. Finish paint products shall meet or exceed specified minimum physical properties.

**1.03 REFERENCE STANDARDS**

- A. 40 CFR 59, Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings; U.S. Environmental Protection Agency; current edition.
- B. ASTM D16 - Standard Terminology for Paint, Related Coatings, Materials, and Applications; 2012.
- C. GreenSeal GS-11 - Paints; 2011.

**1.04 SUBMITTALS**

- A. Painting Schedule: Cross-referenced Painting Schedule listing all 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 interior substrates by building name and number, floor, room name and number, and surface to be painted.

- B. Product Data Sheets: Manufacturer's published product data sheets describing the following for each finish paint product to be applied:
  - 1. Percent solids by weight and volume, solvent, vehicle, weight per gallon, ASTM D 523 gloss/reflectance angle, recommended wet and dry film thickness, volatile organic compound (VOC) content in lbs/gallon, product use limitations and environmental restrictions, substrate surface preparation methods, directions and precautions for mixing and thinning, recommended application methods, square foot area coverage per gallon, storage instructions, and shelf-life expiration date.
  - 2. Manufacturer's recommended primer for each finish paint product and substrate to be painted.
  - 3. Manufacturer's complete range of available colors for each finish paint product to be applied.
  
- C. Finish Paint Type Samples: Two finish paint samples applied over recommended primers for each substrate to be painted.
  - 1. Samples shall be in the designated color and specified ASTM D 523 reflectance.
  - 2. Label each sample with the following information:
    - a. Project number and Painting Schedule designation describing substrates and locations represented by the sample.
    - b. Finish paint and primer manufacturer, product names and numbers, finish paint color and reflectance.
  - 3. Leave a 1 inch wide exposed strip of unpainted substrate and each coat of primer and finish paint.
  - 4. Sample Sizes:
    - a. Wall, Ceiling, and Floor Substrates: 12 inch square panels.
    - b. Concrete and Concrete Masonry Unit Substrates: 4 inch square blocks.
  
- D. Quality Control Submittals:
  - 1. Test Reports: Furnish certified test results from an independent testing laboratory, showing that products submitted comply with the specifications, when requested by the Director's Representative.
  - 2. Certificates: Furnish certificates of compliance required under QUALITY ASSURANCE Article.

#### **1.05 QUALITY ASSURANCE**

- A. 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.
  
- B. Container Labels: Label each product container with paint manufacturer's name, product name and number, color name and number, thinning and application instructions, date of manufacture, shelf-life expiration date, required surface

preparations, recommended coverage per gallon, wet and dry film thickness, drying time, and clean up procedures.

- C. Field Examples:
  - 1. Prior to on-site painting, at locations designated by the Director's Representative, apply field examples of each paint type to be applied.
  - 2. Field examples to be applied on actual substrates to be painted and shall duplicate earlier approved paint samples.
    - a. Interior field examples to be applied in rooms and spaces to be painted with the same products.
    - b. Field Example Minimum Wet and Dry Film Thickness: As indicated on approved product data sheet.
    - c. Application: Apply each coat in a smooth uniform wet mil thickness without brush marks, laps, holidays, runs, stains, cloudiness, discolorations, nail holes and other surface imperfections.
      - 1) Leave a specified exposed width of each previous coat beneath each subsequent coat of finish paint and primer.
    - d. Use of Field Examples: Field examples shall serve as a quality control standard for acceptance or rejection of painting Work to be done under this Section.
  - 3. Field Example Sizes:
    - a. Floor, Wall, and Ceiling Examples: 100 square feet with 2 foot wide strips, minimum three rooms, each in separate work areas.
    - d. Wall Base Examples: 20 lineal feet with 12 inch long strips.
  - 4. Do not begin applying paints represented by field examples until examples have been reviewed and approved by the Director's Representative.
    - a. Protect and maintain approved field examples until all painting work represented by the example has been completed and approved.
- D. Compatibility of Paint Materials: Primers and intermediate paints shall be products manufactured or recommended by the finish paint manufacturer.

## **1.06 DELIVERY, STORAGE, AND HANDLING**

- A. Delivery: Deliver materials to the Site in original, unopened containers and cartons bearing manufacturer's printed labels. Do not deliver products which have exceeded their shelf life, are in open or damaged containers or cartons, or are not properly labeled as specified.
- B. Storage and Handling: Store products in a dry, well ventilated area in accordance with manufacturer's published product data sheets. Storage location shall have an ambient air temperature between 45 degrees F and 90 degrees F.

## **1.07 PROJECT CONDITIONS**

- A. Environmental Requirements:
  - 1. Ambient Air Temperature, Relative Humidity, Ventilation, and Surface Temperature: Comply with paint manufacturer's published product data sheet or other printed product instructions.
  - 2. If paint manufacturer does not provide environmental requirements, use the following:
    - a. Ambient Air Temperature: Between 45 degrees F and .75 degrees F.
    - b. Relative Humidity: Below 75 percent.
    - c. Ventilation: Maintain the painting environment free from fumes and odors throughout the Work of this Section.
    - d. Surface Temperature: At least 5 degrees F above the surface dewpoint temperature.
  - 3. Maintain environmental requirements throughout the drying period.
- B. The following items are not to be painted unless otherwise specified, noted or directed:
  - 1. Exposed stainless steel, chrome, copper, bronze, brass, and aluminum.
  - 2. Furniture.
  - 3. Exposed fasteners.
  - 4. Factory prefinished items.
  - 5. Electrical devices exposed in finished spaces.

## **1.08 EXTRA MATERIALS**

- A. Provide extra finish paint materials, from the same production run as paints to be applied, in the following quantities for each color installed:
  - 1. Paint Type EAL-1 and IAL-1: Four gallons each type.
  - 2. Paint Types EAL-2 and IAL-2: Two gallons, each type.
  - 3. Other Paint Types: One gallon, each type.

## **PART 2 PRODUCTS**

### **2.01 PAINT MANUFACTURERS**

- A. Where noted, the following finish paint manufacturers produce the paint types specified.
  - 1. Benjamin Moore and Co., 51 Chestnut Ridge Rd., Montvale, NJ 07645, (201) 573-9600.
  - 2. ICI Dulux Paints, 4000 Dupont Cr., Louisville, KY 40207, (800) 984-5444.
  - 3. PPG Architectural Finishes, One PPG Plaza, Pittsburgh, PA 15272, (800) 441-9695.
  - 4. Sherwin-Williams Co., Cleveland, OH 44101, (800) 321-8194.
  - 5. Valspar Corp., 1401 Severn St., Baltimore, MD 21230, (800) 638-7756.

## **2.02 MISCELLANEOUS PRODUCTS**

- A. Bedding Compound: Water based pre-mixed gypsum wallboard joint compound.
- B. Cleaning Solvents: Low toxicity with flash point in excess of 100 degrees F.
- C. Color Pigments: Pure, non-fading, finely ground pigments with at least 99 percent passing a 325 mesh sieve.
  - 1. Use lime-proof color pigments on masonry, concrete and plaster.
  - 2. Use exterior pigments in exterior paints.
- F. Masking Tape: Removable paper or fiber tape, self-adhesive and nonstaining.
- G. Metal Filler: Polyester resin base autobody filler.
- H. Mineral Spirits: Low odor type recommended by finish paint manufacturer.
- I. Nonskid Deck Enamel Additive: Sid Tex by Gamma Labs, Inc., 840 Arroyo Ave., San Fernando, CA, 91340-1832, (818) 369-7500.
- J. Paint Stripper: As recommended by finish paint manufacturer.
- K. Spackling Compound: Water based pre-mixed plaster and gypsum wallboard finishing compound.
- L. Stain Blocker, Primer-Sealer: As recommended by finish paint manufacturer.
- M. Turpentine: ASTM D 13.
- N. Wood Putty: Water based pre-mixed wood filler.
- O. Wood Substrate Cleaner, Brightener, Conditioner, and Open-grain Sealer: As recommended by finish paint manufacturer.

## **2.03 FINISH PAINT TYPES**

- A. Physical Properties:
  - 1. Specified percent solids by weight and volume, pigment by weight, wet and dry film thickness per coat, and weight per gallon are minimum physical properties of acceptable materials.
    - a. Opaque Pigmented Paints: Physical properties specified are for white titanium dioxide base before color pigments are added.
    - b. Specified minimum wet and dry film thickness per coat are for determining acceptable finish paint products. Minimum wet and dry film thickness per coat to be applied shall comply with approved finish paint manufacturer's product data sheets.
  - 2. Gloss or Reflectance: The following ASTM D 523 specified light levels and angles of reflectance:
    - a. Flat: Below 15 at 85 degrees.

- b. Eggshell: Between 5 and 20 at 60 degrees.
  - c. Satin: Between 15 and 35 at 60 degrees.
  - d. Semigloss: Between 30 and 65 at 60 degrees.
  - e. Gloss: Over 65 at 60 degrees.
- D. Interior Finish Paint Types:
- 1. Paint Type HPE: High Performance Waterbased Epoxy.
    - a. Solids by Volume: 42.5 percent.
    - b. Solvent: Water.
    - c. Vehicle: Water borne Epoxy Two Component.
    - d. Weight Per Gallon: 11.5 lbs.
    - e. Wet Film Thickness: 5.3 to 7.9 mils.
    - f. Dry Film Thickness: 2.0 to 3.0 mils.
    - g. Manufacturers: PPG Aquapon WB 98-1 Series, Sherwin Williams, ICI/Devoe.
  - 2. Paint Type IAL-2: Interior Acrylic Latex, Eggshell.
    - a. Solids by Weight: 51.0 percent.
    - b. Solids by Volume: 35.0 percent.
    - c. Solvent: Water.
    - d. Vehicle: Vinyl acrylic resin.
    - e. Weight Per Gallon: 11.0 lbs.
    - f. Wet Film Thickness: 3.8 mils.
    - g. Dry Film Thickness: 1.3 mils.
    - h. Manufacturers: Benjamin Moore, ICI Dulux, Sherwin-Williams.
  - 4. Paint Type IAL-4: Interior Acrylic Latex, Gloss Enamel.
    - a. Solids by Weight: 40.0 percent.
    - b. Solids by Volume: 32.0 percent.
    - c. Solvent: Water.
    - d. Vehicle: Vinyl acrylic resin.
    - e. Weight Per Gallon: 10.0 lbs.
    - f. Wet Film Thickness: 3.4 mils.
    - g. Dry Film Thickness: 1.2 mils.
    - h. Manufacturers: Benjamin Moore, PPG, Sherwin-Williams.
  - 5. Paint Type ILP-1: Interior Latex Primer.
    - a. Solids by Weight: 52.0 percent.
    - b. Solids by Volume: 33.0 percent.
    - c. Vehicle: Vinyl acrylic resin.
    - d. Weight Per Gallon: 11.6 lbs.
    - e. Wet Film Thickness: 4.0 mils.
    - f. Dry Film Thickness: 1.3 mils.
    - g. Manufacturers: Benjamin Moore, ICI Dulux, Sherwin-Williams.
    - h. Anti-microbial-inhibits growth of microbes on surface of paint film
- D. Colors: Provide paint colors either shown on contract drawings or to be selected by the Director from finish paint manufacturers available color selections.
- 1. Approved finish paint manufacturers to match designated colors of other manufacturers where colors are shown on contract documents.
  - 2. Safety Colors: Industry Standard ANSI Safety Colors.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Examine surfaces to be prepared, primed, or painted for compliance with contract documents, required environmental conditions, manufacturer's product data sheets, product label instructions and other written requirements.
  - 1. Do not begin any phase of the work without first checking and verifying that surfaces and environmental conditions are acceptable for such work and that any earlier phase deficiencies and discrepancies have been properly corrected.
    - a. The commencement of new work shall be interpreted to mean acceptance of surfaces to be affected.

### **3.02 PREPARATION**

- A. Protection: Cover and protect surfaces to be painted, adjacent surfaces not to be painted, and removed furnishings and equipment from existing paint removals, airborne sanding particles, cleaning fluids and paint spills using suitable drop cloths, barriers and other protective devices.
  - 1. Interior protections include floors, walls, furniture, furnishings and electronic equipment.
  - 2. Remove and replace removable hardware, lighting fixtures, telephone equipment, other devices and cover plates over concealed openings in substrates to be painted.
    - a. Cover and neatly mask permanently installed hardware, lighting fixtures, cover plates and other devices which cannot be removed and are not scheduled for painting.
  - 3. Schedule and coordinate surface preparations so as not to interfere with work of other trades or allow airborne sanding dust particle to fall on freshly painted surfaces.
  - 4. Provide adequate natural or mechanical ventilation to allow surfaces to be prepared and painted in accordance with product manufacturer's instructions and applicable regulations.
  - 5. Provide and maintain "Wet Paint" signs, temporary barriers and other protective devices necessary to protect prepared and freshly painted surfaces from damages until Work has been accepted.
- B. Clean and prepare surfaces to be painted in accordance with specifications, paint manufacturer's approved product data sheets and printed label instructions. In the event of conflicting instructions or directions, the more stringent requirements shall apply.
  - 1. Cleaners: Use only approved products manufactured or recommended by finish paint manufacturer. Unless otherwise recommended by cleaner manufacturer, thoroughly rinse with clean water to remove surface contaminants and cleaner residue.
- C. Surfaces:
  - 1. Concrete:

- a. Allow three months for poured concrete to dry before painting.
  - b. Remove form release agents, laitance, efflorescence, dirt, grease, oils, slurry, chalk deposits, and other surface contaminants using a high-pressure power wash. Use mildewcide solution if mildew is present.
  - c. Remove any remaining efflorescence by dampening surface with water and scrubbing with a 5 percent solution of muriatic acid. Rinse with clean water, neutralize with ammonia, rinse and allow to dry.
  - d. Vacuum surface clean before painting.
  - e. Sandblast to remove any existing deteriorated paint films, curing compounds, concrete sealers, and other substances that may prevent primer adhesion.
  - f. Chip and grind surface projections smooth to adjacent surfaces.
  - g. Open concealed voids and cracks, remove cement slurry by wire-brushing to expose clean aggregate substrate, and chip out surface honeycomb pockets to allow a neat cementitious patch with square corners and a uniform thickness.
  - h. Inspect surfaces to be painted for exposed or rusted steel reinforcement and contact Director's Representative for a survey of damages to be repaired before substrate can be painted. Do not paint over exposed steel reinforcement without first repairing both deteriorated reinforcement and protective coating.
  - i. Use an electronic meter to determine moisture content compliance with finish paint manufacturer's recommendations.
2. Concrete Masonry Units:
- a. Allow two months for mortar joints to dry before painting.
  - b. Remove severe laitance, efflorescence, dirt, grease, slurry, chalk deposits and other surface contaminants using a low-pressure power wash. Use mildewcide solution if mildew is present.
  - c. Remove less severe surface contaminants and contaminant residues by dampening surface with water and scrubbing with a 10 percent solution of muriatic acid.
3. Wood:
- a. Remove surface dirt, stains, markings, discolorations and other contaminants using finish paint manufacturer's recommended cleaning methods and solvents.
  - b. Sand raised grain, rough sawcut edges, planed mill glaze, old paint, and other surface imperfections clean and smooth using medium and fine sandpaper. Sand in the direction of grain.
  - c. Fill open cracks, knot holes, countersunk fastener holes and other surface indentations with wood filler putty. Sand putty smooth and flush to adjacent unfilled surface.
  - d. Seal knots, pitch streaks, sap spots, stains and graffiti with finish paint manufacturer's recommended primer/sealer.
4. Plaster, Cement Plaster, and Gypsum Wallboard:
- a. Fill cracks, holes, and other indentations smooth to adjacent surfaces using specified bedding, spackling, and finishing compounds.

- b. Plaster: Scrape and sand smooth ridges, spills, nibs, and other surface projections.
  - c. Cement Plaster: Coat surfaces to be patched with a bonding agent. Patch cement plaster with an approved mortar patching mix and finish to match adjacent surface and texture.
  - d. Gypsum Wallboard: Fill and sand smooth minor bedding and finishing compound defects.
  - e. Vacuum and wipe surfaces free of all sanding residue and dust
  - 5. Other Substrates: See finish paint manufacturer's recommendations.
- D. Painting Material Preparations:
- 1. Prepare painting materials in accordance with manufacturer's approved product data sheets and printed label instructions.
    - a. Stir materials before and during application for a consistent mixture of density. Remove container surface paint films before stirring and mixing.
    - b. Slightly tint first opaque finish coat where primer and finish coats are the same color.
    - c. Do not thin paints unless allowed and directed to do so in writing within limits stated on approved product data sheets.

### 3.03 APPLICATION

- A. Environmental Conditions:
- 1. Water-based Paints: Apply when surface temperatures will be 50 degrees Fahrenheit to 90 degrees Fahrenheit throughout the drying period.
  - 2. Other Paints: Apply when surface temperatures will be 45 degrees Fahrenheit to 95 degrees Fahrenheit throughout the drying period.
- B. Install approved paints where specified, or shown on the drawings, and to match approved field examples.
- 1. Paint Applicators: Brushes, rollers or spray equipment recommended by the paint manufacturer and appropriate for the location and surface area to be painted.
    - a. Approved minimum wet and dry film thicknesses shall be the same for different application methods and substrates.
- C. Paint Type Coats To Be Applied: Unless specified otherwise by finish paint manufacturer's product data sheet, the number of coats to be applied for each paint type are as follows:
- 1. Paint Types HPE and IAL:
    - a. New Unpainted Surfaces: Apply 1 coat of primer (ILP-1) and 2 coats of finish paint.
    - b. Existing Painted Surfaces:
      - 1) Apply 2 coats of finish paint when existing paint has a lower gloss.
      - 2) Apply one coat of primer (ILP-1) and 2 finish coats when existing paint has a higher gloss.

- c. Paint Types IAL: Provide mildewcide additive for bathrooms, kitchens, janitor closets, laundry rooms, restrooms and other wet or damp areas.
      - d. Pitted Concrete & Concrete Masonry Surfaces: Use block filler as primer /sealer where allowed by finish paint manufacturer.
    - 2. Paint Type ILP: Apply 1 coat.
      - a. Interior primer as required for touch-up.
  - D. Surfaces: Unless otherwise specified or shown on the drawings, paint surfaces as follows:
    - 1. Interior Surfaces:
      - a. Floors: Paint Type HPE.
      - b. Walls: Paint Type IAL-2 except as noted below:
        - 1) Wood Wall Base: Paint Type IAL-4.
        - 2) Paint Wall Base in Rooms: Paint Type HPE.
      - c. Doors, Windows, Frames and Trim: Paint Type IAL-4.
      - d. Paint substrates to match adjacent wall or ceiling surfaces.
      - e. Paint exposed surfaces when any part of the surface is on or within 8 inches of ceiling or wall surface to be painted.
      - f. Paint visible interior surfaces behind grilles, guards and screens.
    - 2. Doors and Frames (Patching Only): Unless otherwise noted, paint doors and frames the same color in the next highest gloss as adjacent wall surfaces.
      - a. Where walls are not the same color on both sides of a door frame, change frame color at the inside corner of the frame stop.
      - b. Prime and finish paint door faces and edges before installation.
        - 1) Paint door edges the same paint type color as the exterior side of the door.
      - c. Do not paint door components which are clearly not intended to be painted such as non-ferrous hardware, frame mutes, and weather stripping.
      - d. Do not allow doors and frames to touch until paint is thoroughly dry on both surfaces.

### **3.04 FIELD QUALITY CONTROL**

- A. Paint Samples: Assist the Director's Representative in obtaining random one quart paint samples for testing at any time during the Work.
  - 1. Notify the Director's Representative upon delivery of paints to the Site.
  - 2. Furnish new one quart metal paint containers with tight fitting lids and suitable labels for marking.
    - a. Furnish labor to thoroughly mix paint before sampling and provide assistance with sampling when required.

### **3.05 ADJUSTING AND CLEANING**

- A. Reinstall removed items after painting has been completed.
  - 1. Restore damaged items to a condition equal to or better than when removed. Replace damaged items that cannot be restored.

- B. Touch up and restore damaged finish paints. Touch up and restoration paint coats are in addition to the number of specified finish paint coats.
- C. Remove spilled, splashed, or spattered paint without marring, staining or damaging the surface. Restore damaged surfaces to the satisfaction of the Director's representative.
- D. Remove temporary barriers, masking tape, and other protective coverings upon completion of painting, cleaning and restoration work.

**END OF SECTION**

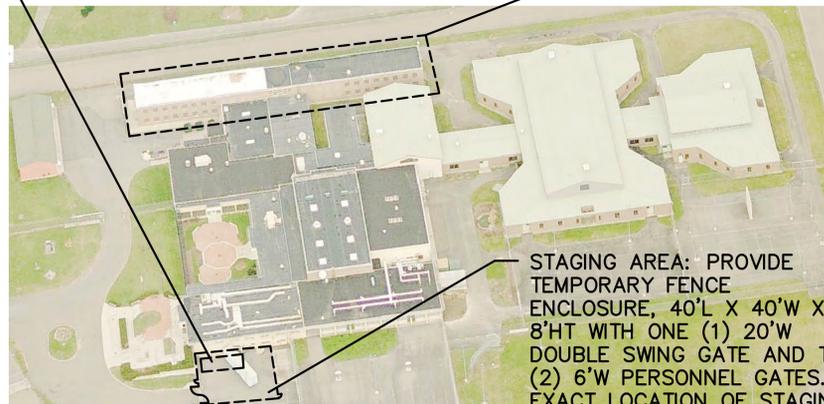
**OGS PROJECT No. 44791-C (OCFS PROJECT NO. 2600)**  
**CONSTRUCTION WORK**  
**REHABILITATE WINGS 1-4,**  
**ASBESTOS ABATEMENT**  
**TILE FLOORS**  
**BROOKWOOD SECURE CENTER**  
**P.O. BOX 419, CR 29**  
**CLAVERACK, NY 12513**

**INDEX OF DRAWINGS**

G-001	COVER SHEET
A-101	FLOORING REMOVAL AND ASBESTOS ABATEMENT FLOOR PLANS
A-102	NEW FLOORING PLANS AND DETAILS

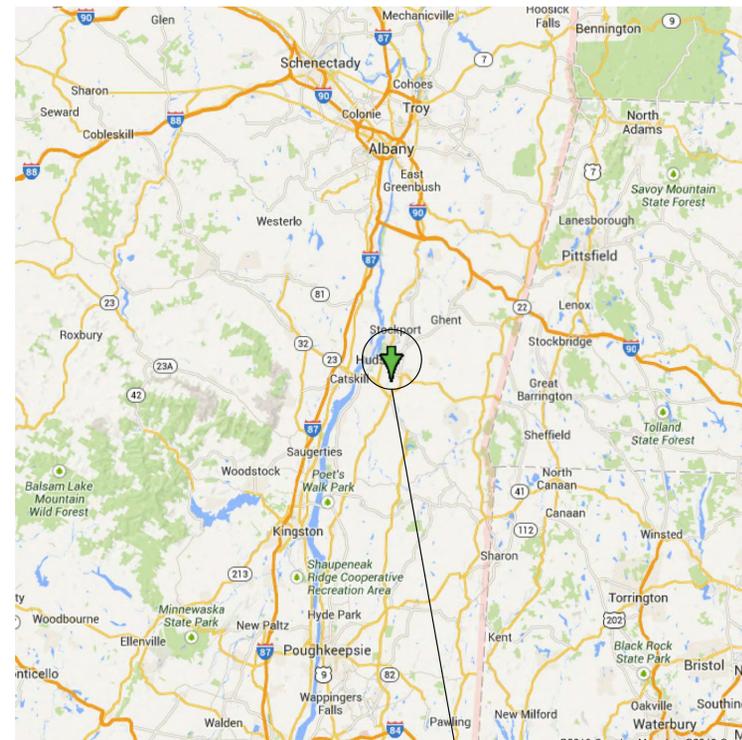
STORAGE CONTAINER: PROVIDE ONE (1) 24' X 7' X 8' SECURABLE STORAGE CONTAINER. EXACT LOCATION SHALL BE AS DIRECTED BY THE DIRECTOR'S REPRESENTATIVE.

WORK AREA



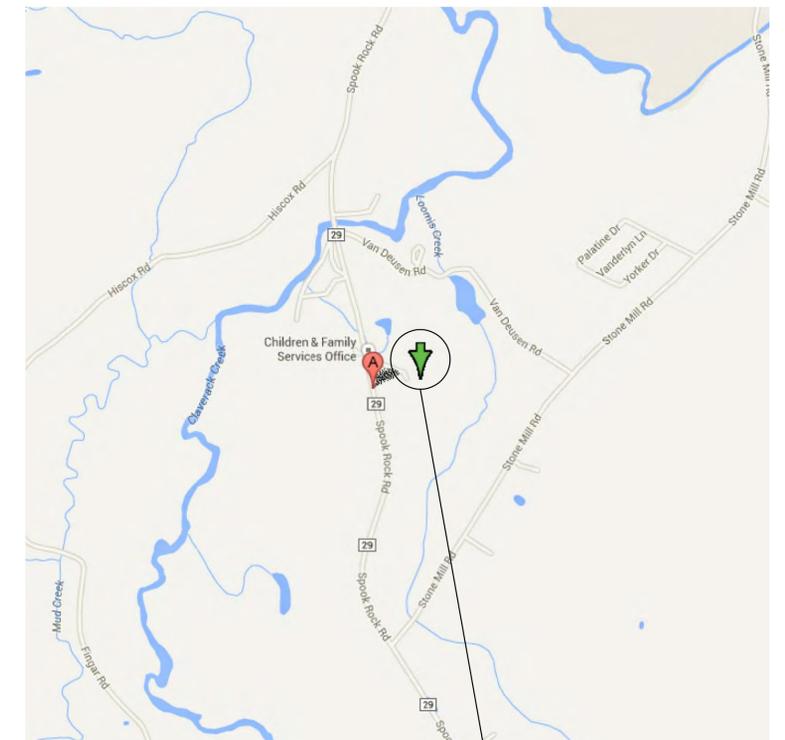
STAGING AREA: PROVIDE TEMPORARY FENCE ENCLOSURE, 40'L X 40'W X 8'H WITH ONE (1) 20'W DOUBLE SWING GATE AND TWO (2) 6'W PERSONNEL GATES. EXACT LOCATION OF STAGING AREA AND GATES SHALL BE AS DIRECTED BY THE DIRECTOR'S REPRESENTATIVE.

**BROOKWOOD SECURE CENTER**



BROOKWOOD SECURE CENTER

**VICINITY MAP**



BROOKWOOD SECURE CENTER

**LOCATION MAP**



ANDREW M. CUOMO  
Governor

ROANN M. DESTITO  
Commissioner

NYS OFFICE OF GENERAL SERVICES  
*Serving New York*

**12-11-2013**

**G-001**

REVISED DRAWING 1/23/14