



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

ADDENDUM NO. 1 TO PROJECT NO. 44962

**CONSTRUCTION WORK
REPLACE ROOFS, BLDGS. 46 & 11,
I-BLOCK AND G-BLOCK, RESPECTIVELY
ELMIRA CORRECTIONAL FACILITY
1879 DAVIS STREET
ELMIRA, NEW YORK**

March 17, 2016

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.

1. Add note 6 to General Notes on sheet A-101: "Temporary security grate is allowed in lieu of replacing the original at the end of each day. See detail 8/A-502."
2. Add note 7 to General Notes on Sheet A-101: "A description of the wood decking and support structure for the roof of building 46, I-block is as follows: 2 x 6 interlocked wood plank deck. The deck is supported by steel beams supported on steel columns at 14' on center along the length of the building."
3. Add Specification Section for elastomeric coating on the penthouse copper roofs: see attached Word document 075601 Liquid Applied Roof Coating System.
4. Add detail 9/A-502: intersection between the new skylight and the removed skylight/EPDM infill.
5. Add string of dimensions to Roof Plan 1/A-101 to define the lengths of skylight versus infill as follows: beginning at the west end, 50' 0"; 74' 0"; 50' 0"; 74' 0"; 50' 0".
6. Change details 4 & 7/A-502 by adding two additional layers of 2X Pressure Treated Wood blocking on top of the existing curb.
7. Add note 8 to General Notes on Sheet A-101: "New roof scuttle (hatch) is required for building 46, I-block."

END OF ADDENDUM

Margaret F. Larkin
Executive Director
Design and Construction

SECTION 075601

LIQUID APPLIED ROOF COATING SYSTEM

PART 1 GENERAL

1.01 RELATED WORK SPECIFIED ELSEWHERE

- A. Restricted Work Period: Section 010000.

1.02 SUBMITTALS

- A. Product Data: Manufacturer's catalog sheets, specifications, and installation instructions for each item specified.
- B. Contract Closeout Submittals:
 - 1. Maintenance Data: Deliver 2 copies, covering the installed products, to the Director's Representative.
 - 2. Warranty: Copy of specified warranty.

1.03 QUALITY ASSURANCE

- A. Qualifications: The persons applying roof coating system shall be personally experienced in applying this type of roofing system and shall have been regularly employed by a Company applying Liquid Applied Roof Coating Systems for a minimum of 5 years.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Packing and Shipping: Deliver materials to the Site in the manufacturer's unbroken containers with the manufacturer's printed labels intact and readable.
- B. Storage and Handling:
 - 1. Store materials a minimum of 6 inches off the ground, in a dry, well-ventilated, weather-tight place at temperatures between 50 degrees and 80 degrees F.
 - 2. Mark for identification all materials which become wet. Remove such materials from the Site.

1.05 REGULATORY REQUIREMENTS

- A. Factory Mutual Class "A" flame-spread rating for materials over metal substrates; FM standard 4470, ASTM E 108.
- B. Underwriters Laboratories listed Class "A" flame-spread rating for construction over existing metal or other non-combustible roofing. Material containers shall bear the UL approved marking.

1.06 PROJECT CONDITIONS

- A. Unless otherwise directed, do not execute the Work of this Section if the Director's Representative is not present.
- B. Environmental Requirements:
 - 1. Comply with the manufacturer's printed recommendations regarding environmental conditions under which the roof coating system can be applied.
 - 2. Do not apply roof coating system when the deck or air temperature is below 40 degrees F or above 120 degrees F.
 - 3. Do not execute the Work of this Section unless the substrate is dry and free of debris and dirt.
 - 4. Do not begin work if rain is expected within 24 hours.

1.07 WARRANTY

- A. Warranty Extension: The one year period required by Paragraph 9.8 of the General Conditions is extended to 2 years for the Work of this Section. Refer to Supplementary Conditions.
- B. Manufacturer's Warranty: In addition to the 2 year period specified in the Supplementary Conditions, furnish the roofing system manufacturer's printed 10 year warranty for the Work of this Section. The warranty shall include but not be limited to, repair of leakage caused by defects in materials or workmanship. The monetary value of the warranty shall be at least equal to the original cost of the installation.

PART 2 PRODUCTS

2.01 LIQUID APPLIED ROOF COATING SYSTEM

- A. Liquid Applied Roof Coating: Acrylic resin elastomeric coating; Gaco Western Inc., 45 Cedarfield Commons, Rochester, NY 14612, (800) 869-0958; Tremco, 3735 Green Road, Beachwood, OH 44122, (216) 292-5000; Truco Inc., 4301 Train Avenue, Cleveland, Ohio, 44113 (800) 233-8990; United Coatings, East 19011 Cataldo, Greenacres, WA 99016, (800) 541-4383.
 - 1. Tensile Strength: 190 psi; ASTM D 2370.
 - 2. Elongation: 200 percent; ASTM D 2370.
- B. Coating Primer: Roof coating manufacturer's corrosion inhibiting primer suitable over pre-finished metal roofing with a Kynar finish.
- C. Seam Sealant: Roof coating manufacturer's acrylic sealant.
- D. Polyester Mat: Non-woven polyester fabric; ASTM D 5034.

PART 3 EXECUTION

3.01 PREPARATION OF SUBSTRATE

- A. Examine substrates to receive roof coating system. Do not proceed with installation of the roof coating system until preparatory work has been completed or until unsatisfactory conditions have been corrected in a manner acceptable to the roof coating system manufacturer.
- B. Fasteners: Re-tighten loose fasteners and replace missing fasteners. Replace stripped fasteners with larger fasteners.
- C. Pressure-Washing: Pressure-wash substrate with 2,000 psi minimum working pressure. Remove dirt, dust, and waste products (oil, oil-based roof cements, solvents, grease, animal fats, etc.).
- D. Treatment of Residual Asphalt: Remove remaining asphaltic residue by scraping and additional power washing. Seal asphaltic areas with a two-part priming sealing system. Apply the manufacturer's recommended asphaltic residue primer and the manufacturer's recommended sealer coat to the entire asphaltic area.
- E. Treating Rusted Areas: Remove rust by wire brushing or water/sand blasting. Treat rusted areas with rust inhibitor primer.
- F. Fastener Treatment: Encapsulate exposed fasteners with the manufacturer's recommended sealant.
- G. Seam Treatment: Seal 1/16 inch or larger open seams with polyester fabric embedded in the manufacturer's recommended sealant.
- H. Coating Primer: Prime roof surfaces with the manufacturer's recommended primer.

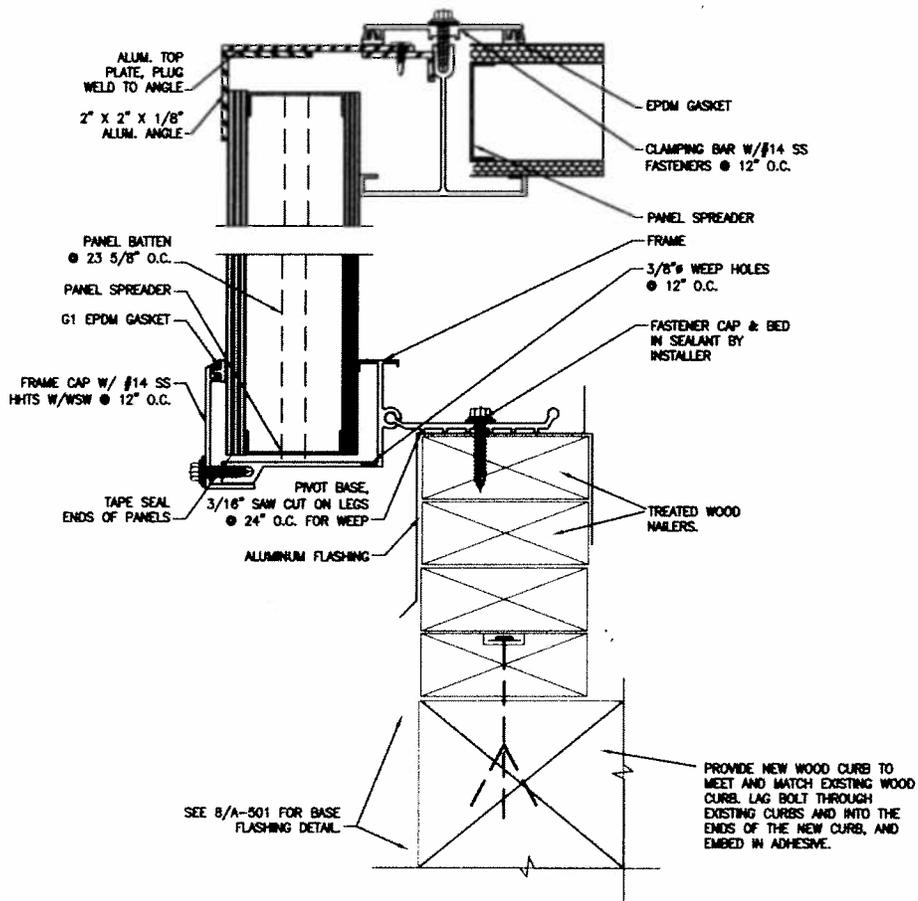
3.02 APPLICATION

- A. Inform Director's Representative and Manufacturer's Warranty Department when preliminary work will be complete and ready to proceed with the installation of the two layer liquid-applied roof coating system. A minimum two weeks prior notice for inspection is required. Installation of final roof coating prior to this inspection is subject to rejection by the Director's Representative and/or the manufacturer's inspector.
- B. Spray-apply the first coat of liquid roofing membrane (of a color different than the finish coat) at rate of 1.25 - 2 gallons per 100 square feet. Apply the first coat perpendicular to the ribs in the metal roofing. Allow 24 hours drying time and inspect the first coat for defects, flaws, or holidays. Correct unsatisfactory conditions prior to proceeding. If threat of over-spray exists, brush or roll liquid roof coating.

- C. Spray-apply second coat of liquid roof coating system at rate of 1.75 - 2 gallons per 100 square feet. Apply the second coat parallel to the ribs of the metal roofing. Do not apply second coat unless the first coat is clean and will provide proper adhesion. Allow 24 hours drying time prior to allowing foot traffic or inspection of roof surface. If threat of over-spray exists, brush or roll liquid roof coating.
- D. After 24 hours has elapsed inspect the final roof coating surface for flaws, holidays, insufficient thickness (not less than 25-40 mils field), etc. At completion of work, no seams shall be visible on the roof. Repair unsatisfactory areas.
- E. Inform Director's Representative and Manufacturer's Representative when final spray application will be complete. Installations of the liquid roof coating system must be inspected upon completion by an appropriate representative of the manufacturer to achieve a manufacturer's system warranty.
- F. Repair or replace, as required, deteriorated or defective work found at the time of final inspection. Repair damages to roof coating system which occurred subsequent to roof coating installation and prior to final inspection. Ensure that roof is in optimum condition at time of substantial completion and final inspection.

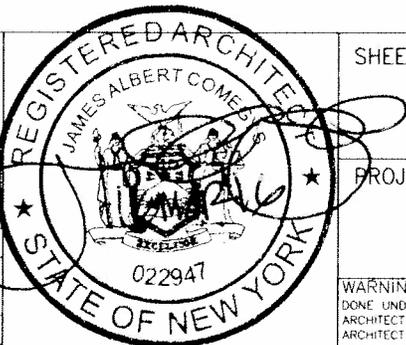
END OF SECTION

FJK



**Office of
General Services**

DESIGN & CONSTRUCTION



SHEET TITLE:

SKYLIGHT CURB -- TRANSVERSE
DETAIL

PROJECT: REPLACE ROOS, BLDGS. 11 & 46
G-BLOCK & I-BLOCK, RESPECTIVELY

CONTRACT: CONSTRUCTION
 PROJ. NO: 44962
 DATE: 03/16/16
 DRAWN: FJK
 APPROVED: -

WARNING: THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS
 DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E.
 ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE
 ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW
 YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A'
 MISDEMEANOR.

DWG NO:
9/A-502