



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

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**ADDENDUM NO. 1 TO PROJECT NO. 46194**

**CONSTRUCTION, HVAC, PLUMBING AND ELECTRICAL WORK  
PROVIDE STAION BUILDING  
STATE POLICE  
NY STATE ROUTE 295  
CHATHAM, NY**

April 9, 2024

**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.

**CONSTRUCTION WORK SPECIFICATIONS**

1. SECTION 098400 ACOUSTICAL WALL PANELS: Add the accompanying Section (pages 098400 – 1 thru 098400 – 3) to the Project Manual.

**CONSTRUCTION WORK DRAWINGS**

2. Drawing No. A-001:
  - a. Partition Type Legend: At the end of each Description for wall types W42, W43, and W62, ADD the following: “Sound proofing layer shall be 1" thick, paintable acoustical wall panels by Chroma or approved equal per Specification Section 098400.”

**END OF ADDENDUM**

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

## SECTION 098400 – ACOUSTICAL WALL PANELS

### PART 1 – GENERAL

#### 1.1 SUMMARY

- A. This section includes the following:
  - 1. Acoustical Wall Panel

#### 1.2 SUBMITTALS

- A. Shop Drawings: Show fabrication and installation details for acoustical wall panels, including plans, elevations, sections, details and attachment to other work.
- B. Submittals: Furnish 12” x 12” samples, showing manufacture full range of colors, texture and patterns available for each type of acoustical product specified.
- C. Product Test Report: From a qualified testing agency indicating wall panels comply with requirements.
- D. Qualification Data: For firms specified in “Quality Assurance” Article to demonstrate their capabilities and experience.
- E. Product Certificates: Signed by manufacturer certifying that the products furnished comply with requirements.

#### 1.3 QUALITY ASSURANCE

- A. Manufacturer Qualification: Manufacture shall have a minimum of 5 years experience in production of specified products and shall furnish supporting documentation showing completed jobs of approximately the same size and scope.
- B. Fire Test Reports: Provide acoustical wall panels with the following surface-burning characteristics as per ASTM E 84.
  - 1. Flame Spread: 25 or less
  - 2. Smoke Developed: 450 or less
- C. Acoustical Test Report: Provide acoustical test report from a qualified testing agency indicating acoustical wall panels meets (0.70, 0.90, 0.95) NRC per ASTM C-423.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Protect Acoustical Wall Panels from excessive moisture when shipping, storing, and handling. Deliver in unopened skids and store in a dry place with adequate air circulation. Do not delivery material until all wet-work has been completed.

PART 2 – PRODUCTS

2.1 WALL PANELS, GENERAL

- A. Acoustical Wall Panels shall be (5/8", 1 1/8", 2 1/8") thick dual density core, specifically designed to support the Signature paintable facing. Manufacturer's standard panel construction with fully wrapped edges.

1. Products

- a. Model # Sound Quality S-2100 Chroma Panel  
Sound Seal, Inc.  
50 Almgren Dr.  
Agawam, MA. USA  
Ph. (800) 569-1294  
Fax (413) 789-4444

- 2. Facing Material: Signature White Paint-ready fiber veil
- 3. Panel Thickness: nominal (5/8", 1 1/8", 2 1/8") thick
- 4. Noise Reduction Coefficient: NRC (0.70, 0.90, 0.95)
- 5. Panel Width: 48 inches
- 6. Panel Length: As indicated, up to 10 feet long.

2.2 CONSTRUCTION

- A. The acoustical wall panel product shall be supplied in 48" wide panels with lengths as indicated. All edges will be fully wrapped with mounting as indicated.

2.3 MOUNTING

- A. Back-Mounting Accessories: Manufactures standard accessories for securely mounting panels, of type and size indicated and complying with the following requirements:
  - 1. Mechanically Mounted Edge-Reinforced Panels: Metal clips designed to support weight of panels, mechanically attached to wall substrate according to manufactures standard pattern and adhesively bonded to back of panel, with base support brackets where recommended by manufacturer for additional support of panels.

2.4 ACOUSTICAL PERFORMANCE

Sound Absorption: Per ASTM C – 423  
Sound Absorption Coefficient per Octave Band Center Frequency (Hz)

125	250	500	1000	2000	4000	NRC
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Per Manufacturer's specifications

2.5 FLAMMIBILITY RATING

- A. All components shall have a Class A Flammability rating per ASTM E- 84: Surface Burning Characteristics of Building Materials, with a Flame Spread of 25 or less and Smoke Developed of 450 or less

PART 3 – EXECUTION

3.1 INSTALLATION

- A. Install Acoustical Wall panels in locations indicated, top edges level and in alignment with other panels. Comply with manufactures written instructions for installation of panels using type of mounting accessories indicated or, if not indicated, as recommended by manufacture.

3.2 CLEANING

- A. After completion of installation of panels, remove dust and other foreign material according to manufactures written instructions.
- B. Remove surplus material, rubbish, and debris resulting from panel installation, on completion of the work, and leave areas of installation in a neat and clean condition.