

**Addendum No. 2**

**Project Name:** Interior Improvements at Homer Plessy

**Project Number:** ITB25-FAC-0082

**To:** Contractors

**Re:** Include Spec Section 12 24 00 WINDOW SHADES

**Date:** April 14, 2025

**Modifications:**

- **DELETE:** PG. 02 & 03 OF THE PROJECT MANUAL
- **REPLACE WITH:** THE ATTACHED PAGES 02 & 03
- **INCLUDE:** Spec Section 12 24 13 – ROLLER WINDOW SHADES

**End of Addendum No. 2**

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### **SCOPE OF WORK**

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**PART 1 - GENERAL**

**A. PART 1 - GENERAL**

**1.1 SUMMARY**

**A. Section Includes:**

1. Manually-operated interior roller shades.

**1.2 RELATED SECTIONS**

- A. Section 06 10 00 "Rough Carpentry" for wood blocking for securing roller shades.

**1.3 REFERENCES**

- A. National Fire Protection Association (NFPA): [www.nfpa.org](http://www.nfpa.org):

1. NFPA 701 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films.

- B. Window Covering Manufacturers Association: [www.access-board.gov](http://www.access-board.gov):

1. WCMA A 100.1 Safety of Corded Window Covering Products (ANSI)

- C. Lead Free: RoHS/Directive 2002/95/ED, US Consumer Product Safety Commission  
Section 101 and REACH (EC 1907/2006)

- D. GREENGUARD Environmental Institute Gold

**1.4 ADMINISTRATIVE REQUIREMENTS**

- A. Pre-installation Conference: Conduct conference at Project site. Include representatives of Contractor, Owner, roller shade Installer, Installers of electrical connections, and others affecting or affected by the Work. Review the following:

1. Requirements of Contract Documents.
2. Requirements of shop drawings.
3. Delivery, storage, and handling.
4. Power and control wiring requirements for motor-operated roller shades.

- B. Coordination:

1. Coordinate installation of roller shades with installation of wall construction and connections to building services.
2. Coordinate installation of anchors and blocking indicated on roller shade shop drawings.

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**1.5 ACTION SUBMITTALS**

- A. Product Data: For roller shades product indicated. Include styles, material descriptions, construction details, dimensions of individual components and profiles, features, finishes, and operating instructions.
- B. Shop Drawings: For roller shades.
  - 1. Provide plans, elevations, sections, product details, installation details, operational clearances, and relationship to adjacent work.
  - 2. Locations and requirements for recesses and attachments to other work, including general construction, anchorage methods and locations, and service connections and locations.
- C. Samples for Initial Selection: For type and color of shade material.
  - 1. Include Samples of exposed accessories involving color selection.
- D. Samples for Verification: For each type of roller shade.
  - 1. Shade Material: Not less than 8"x10" sample.
  - 2. Roller Shade: Full-size operating unit, shades to fit each window opening identified in drawings. See Window Schedules
  - 3. Installation Accessories: Full-size unit, not less than 10 inches (250 mm) long.
- E. Window Treatment Schedule: For roller shades. Use same designations indicated on Drawings.

**1.6 INFORMATIONAL SUBMITTALS**

- A. Qualification Data: For qualified roller shade fabricator and Installer.
- B. Product Certificates: For each type of shade material.
- C. Product Test Reports: For each type of shade material, certifying compliance with requirements.
- D. Low-Emitting Product Certificate: For roller window shade fabric products specified to meet volatile organic emissions standards, submit GREENGUARD certification or comparable certification acceptable to Owner.
- E. Lead-Free Certification: For roller window shade fabric products specified to meet lead free standards, submit RoHS certification or comparable certification acceptable to Owner.

### **1.7 CLOSEOUT SUBMITTALS**

A. Operation and Maintenance Data: For roller shades, to include in maintenance manuals.

1. Methods for maintaining roller shades and finishes.

2. Precautions about cleaning materials and methods that could be detrimental to fabrics, finishes, and performance.

### **1.8 QUALITY ASSURANCE**

A. Manufacturer Qualifications: Obtain roller shades through one source from a single manufacturer with a minimum of 30 years' experience in manufacturing products comparable to those specified in this section.

B. Installer Qualifications: Experienced Installer, trained and certified by manufacturer, who has completed at least five installations similar in material, design, and extent to that indicated for this Project with a record of successful in-service performance.

C. Fire-Test response characteristics: Passes NFPA 701-99 small and large-scale vertical burn. Materials tested shall be identical to products proposed for use.

D. Anti-Microbial Characteristics: "No Growth" per ASTM G 21, G 22, G 2180, results for fungi ATCC 9642, ATCC 9644, ATCC 9645, RITB 2101.

E. Mockups: If OWNER requires, provide a mock-up of one roller shade assembly specified for evaluation of mounting, appearance and accessories.

1. Locate mock-up in window designated by Owner.

2. Do not proceed with remaining work until mock-up is accepted by owner.

### **1.9 DELIVERY, STORAGE, AND HANDLING**

A. Do not deliver window shades until building is enclosed and construction within spaces which require shades is substantially complete.

B. Deliver products in manufacturer's unopened, original, undamaged containers with all labels intact.

C. All containers and shades to be labeled according to Window Shade Schedule

D. All products to be stored in manufacturer's unopened packaging until site is ready for installation.

### **1.10 PROJECT CONDITIONS**

A. Environmental Limitations: Install roller shades after finish work, including painting, is complete and ambient temperature and humidity conditions are maintained at levels indicated for Project when occupied for its intended use.

### **1.11 WARRANTY**

- A. Roller Shade Non-Electric Hardware: Manufacturer's standard non-depreciating twenty-five (25) year limited warranty. Chain to have manufacturer's standard, non-depreciating one (1) year limited warranty.
- B. Roller Shade Installation: One (1) year from date of Substantial Completion, not including scaffolding, lifts or other means to reach inaccessible areas.
- C. Roller Shade Fabric: Manufacturer's non-depreciating ten year limited warranty on fabrics installed on the interior. See Fabric Specification for specific fabric warranty.

### **2.1 MANUFACTURERS**

- A. Basis of Design: Roll-A-Shade, Inc.; or approved equal

### **2.2 ROLLER SHADE TYPES**

- A. Manual operating interior, chain driven, roller shades in all windows of rooms and spaces indicated on the Drawings.

- 1. Indicate Roller Shade Type:

### **2.3 ROLLER SHADE COMPONENTS**

- A. Rollers: Extruded aluminum or corrosion-resistant aluminum tubes sized to accommodate roller operating mechanisms and specified Shades without deflection. Equip with permanently-lubricated drive-end and idle-end assemblies configured to allow removal of Shades for servicing.
  - 1. Direction of Shade Roll: Regular, from exterior face of roller
  - 2. Shade-to-Roller Attachment: Manufacturer's standard method.
- B. Chain-and-Clutch Operating Mechanism: Continuous-loop bead chain and clutch that stops shade movement when bead chain is released; with upper and lower limit stops; permanently adjusted and lubricated.
  - 1. Bead Chains: #10 qualified stainless-steel chain rated to 90 lbs. (41 kg) minimum breaking strength. Nickel plated chain shall not be accepted.
    - a. Loop Length: Full length of roller shade

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b. Chain-Tensioner Type: Chain tensioner, jamb mounted

1) Color: As selected by Owner from manufacturer's full range.

2. Indicate Roller Shade Type:

a.

C. Mounting Hardware: Manufacturer's standard brackets or endcaps, corrosion resistant and compatible with roller assembly, operating mechanism, installation accessories, and mounting location and conditions.

1. Bracket to be a minimum one sixteenth (1/16) in. (1.59mm) stamped steel, or heavier as required.

2. Color: As selected by Owner from manufacturer's full range.

D. Shade Bottom:

1. Hem Bar: Extruded aluminum. Hem bar to be sealed on both ends using impulse welder.

2. Roll-A-Shade Bottom Rail: As selected by Owner from manufacturer's full range.

E. Installation Accessories:

1. Front Fascia: Aluminum extrusion that conceals front and underside of roller and operating mechanism and attaches to roller endcaps without exposed fasteners.

a. Shape: L-Shaped

b. Height: Fabricator's standard height required to conceal roller and Shade assembly when shade is rolled up, but not less than 1 1/2 inches (38 mm)

c. Color: As selected by Owner from manufacturer's full range.

d. Indicate Roller Shade Type:

2. Shade Head box: Rectangular, extruded-aluminum enclosure including front fascia, top and back covers, endcaps, and removable bottom closure.

a. Height: Fabricator's standard height required to enclose roller and Shade assembly when shade is rolled up, but not less than 3 inches (76 mm)

b. Shade Headbox to be recessed

c. Color: As selected by Owner from manufacturer's full range.

d. Indicate Roller Shade Type:

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3. Endcap Covers: To cover exposed endcaps.

a. Color: As selected by Owner from manufacturer's full range.

**2.4 ROLLER WINDOW SHADE FABRIC**

A. Light Filtering Fabrics

1. Roll-A-Shade Signature Series 3%,: Openness Factor: Approximately 3%. Composition: 24% Polyester, 76% PVC. Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale). Bacterial and Fungal Resistance: ASTM G21. GREENGUARD Certified GOLD- Children & School Certified as a low emitting fabric. Manufacturer to supply GREENGUARD Children & School Certificate.

a. Available Patterns and Colors: 003 White/Gray

**PART 3 - EXECUTION**

**3.1 EXAMINATION**

A. Examine roller window shade unit substrates with Installer for compliance with approved submittals and other conditions affecting performance of the Work.

B. Proceed with installation once unsatisfactory conditions have been corrected.

**3.2 PREPARATION**

A. Contractor shall clean Surfaces thoroughly prior to installation.

B. Coordinate requirements for blocking and structural supports to ensure adequate means for installation of window shades.

C. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

**3.3 INSTALLATION**

A. Install roller window shade units level, plumb, square, and aligned with adjacent units according to fabricator's written instructions.

B. Roller Window Shade Unit Locations: At exterior windows

C. Adjust and balance roller shades to operate smoothly, easily, safely, and free from binding, tracking or malfunction throughout entire operational range.

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**3.4 CLEANING AND PROTECTION**

- A. Clean roller window shade unit surfaces, after installation, according to manufacturer's written instructions.
- B. Provide final protection and maintain conditions that ensure that roller window shade units are without damage at time of Substantial Completion.
- C. Protect installed products until completion of project.
- D. Replace damaged roller window shade units that cannot be repaired, before time of Substantial Completion.

**3.5 TRAINING**

- A. Engage a manufacturer-authorized service representative to train Owner's maintenance personnel to adjust, operate and maintain manual roller shaded systems.
- B. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain motor-operated roller window shade units.

**END OF SECTION 12 24 13**

**SECTION 12 24 13 – ROLLER WINDOW SHADES**