

SECTION 101100
VISUAL DISPLAY UNITS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Bulletin board cabinets.

1.02 REFERENCE STANDARDS

- A. 16 CFR 1201 - Safety Standard for Architectural Glazing Materials; Current Edition.
- B. ANSI Z97.1 - American National Standard for Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test; 2015 (Reaffirmed 2020).
- C. ASTM C1172 - Standard Specification for Laminated Architectural Flat Glass; 2024.
- D. ASTM F793/F793M - Standard Classification of Wall Coverings and Ceiling Coverings by Use Characteristics; 2025.
- E. PS 1 - Structural Plywood; 2023.

1.03 SUBMITTALS

- A. Product Data: Submit construction details, descriptions of materials, dimensions of each component and profile, finishes, and accessories for all Bulletin Board.
- B. Shop Drawings: Indicate plans, wall elevations, dimensions, joint locations.
 - 1. Indicate panel joint locations, including field-assembled joints for factory units exceeding shipping size, if applicable.
- C. Samples: Submit samples of material and trim to illustrate finish, color, and texture
- D. Samples: Two, 10" by 10" inches (254 by 254 mm) in size illustrating materials and finish, color and texture of Bulletin Boards.
- E. Trim samples: 6 inches (150 mm) long for trim with factory finish
- F. Manufacturer's printed installation instructions.

1.04 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum 20 years documented experience.

1.05 WARRANTY

- A. Provide five year manufacturer warranty against defects and in materials, finish product and workmanship.

- B. The warranty excludes labor and any additional material expenses related to the removal or reinstallation of Bulletin Boards.
- C. When properly installed per manufacturer instructions, Bulletin Boards are warranted for one year against material and workmanship defects. This warranty excludes damage from misuse, vandalism, or improper handling and covers only material replacement, not removal or reinstallation costs.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. **Visual Display Units**
 - 1. Nelson Adams NACO
 - 2. Address: 420 S E st, San Bernardino, CA, 92401.
 - 3. P. (877) 810-4080.
 - 4. Web Page: <https://www.nelsonadamsnaco.com>

2.02 BULLETIN BOARDS

- A. **Bulletin Boards Cabinets:** Factory-fabricated aluminum-framed unit with tackable panel on back inside surface and glazed doors at front.
 - 1. **Location:** [Interior][Exterior].
 - 2. **Mounting:** [Recessed][Surface].
 - 3. **Width:** As indicated on drawings.
 - 4. **Height:** As indicated on drawings.
 - 5. **Depth:** As indicated on drawings.
 - 6. **Aluminum Frames:** Extruded aluminum, with concealed fasteners. [Anodized, natural][Powder Coating] finish.
 - 7. **Frame Profile:** As indicated on drawings.
 - 8. **Components:**
 - a. **Glazed Doors:**[Sliding][Hinge], [3/16" Inches][1/4" Inches][Other indicated glass thickness] tempered glass.
 - 1) Number of Doors: As indicated on drawings.
 - b. **Tackable Back Panel:**
 - 1) **Color and Pattern:** As selected from manufacturer's full range.
 - 2) **Facing:** [Vinyl][Fabric]; minimum fabric weight: 13 oz/sq yd (440 g/sq m).
 - 3) **Multiple options Available:**
 - a) Koroseal
 - b) Maharam
 - c) Guildford of Maine
 - d) Carnegie Xorel
 - 4) **Core:** [1/4" Inch (6 mm) Natural Cork]
 - 5) **Forbo Bulletin core Option:** [1/4" Inch (6 mm) Bulletin Forbo]
 - a) **Color:** As indicated on drawings.
 - c. **Lighting:** [LED]

- 1) **Header Panel:** Illuminated; with translucent acrylic sheet panel set within overall cabinet frame; with matching frame that separates header panel from bulletin board.
 - a) Graphics and Text: As shown on drawings.
 - b) Color: As shown on drawings.
 - c) Lighting: LED.

2.03 MATERIALS

- A. Laminated Glass: Glass laminated in accordance with ASTM C1172.
 1. Laminated Safety Glass: Comply with ANSI Z97.1 - Class B or 16 CFR 1201 - Category I impact test requirements.
- B. Vinyl-Coated Fabric: ASTM F793 Category VI.
- C. Forbo Bulletin Board:
- D. Plywood: PS 1 Grade C-D , softwood.
- E. Adhesives: Type used by manufacturer.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that field measurements are as indicated.
- B. Verify that internal wall blocking is ready to receive work and positioning dimensions are as indicated on shop drawings.

3.02 PREPARATION

- A. Remove switchplates, wall plates, and surface-mounted fixtures where tackable wall paneling is applied. Reinstall items on completion of installation. **[By Others]**
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions. **[By Others]**

3.03 INSTALLATION

- A. Install boards in accordance with manufacturer's instructions.
- B. Secure units level and plumb.

3.04 CLEANING

- A. Clean board surfaces in accordance with manufacturer's instructions.
- B. Cover with protective cover, taped to frame.
- C. Remove temporary protective cover at Date of Substantial Completion.

END OF SECTION