

SECTION 101100
VISUAL DISPLAY UNITS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Glass Marker Wall.

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).

1.03 SUBMITTALS

- A. Product Data: Provide manufacturer's data on Glass Marker Wall Covering. Include Material Safety Data Sheets when applicable
- B. Shop Drawings: Submit shop drawings for each type of visual display board as specified, including sectional details, trim, face and core materials, dimensions, joint locations, and any special anchor details. , special anchor details
- C. Color Samples: Provide a complete set of color swatches showcasing the manufacturer's full selection of colors and finishes for Tackable Wall Covering
- D. Products Samples: Two, 10" by 10" inches [254 by 254] mm in size illustrating materials and finish, color and texture of tackable surfaces.
- E. 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 the manufacturer's standard three-year warranty for workmanship, confirming that, with proper usage, maintenance, and installation according to the manufacturer's guidelines, the Glass Marker Wall are guaranteed for three-year from the date of substantial completion.

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://nelsonadamsnaco.com>

2.02 GLASS MARKER WALL

A. Magnetic Glass Markerboard Wall: Room-size presentation surface made of multiple floor-to-ceiling glass panels.

1. **Glass:** Back-coated glass, tempered, low iron, 1/4 inch thick (6 mm), with flat polish and square corners, laminated to steel backing sheet for use with magnets. Coated or treated for use as dry-erase board.
2. **Glass Finish:** As selected from manufacturer's full range.
3. **Steel Backing Sheet Thickness:** 24 gauge, 0.0239 inch (0.61 mm).
4. **Panel Width:** 48 inches (1220 mm).
5. **Height:** As indicated on drawings.
6. **Length:** As indicated on drawings.
7. **Accessories:** Provide magnetic marker tray, magnetic marker holder, and [magnetic eraser].

2.03 MATERIALS

A. Glass: Provide glass-based glazing unless otherwise indicated.

1. Fully Tempered Safety Glass: Comply with ANSI Z97.1 or 16 CFR 1201 criteria for safety glazing used in hazardous locations.

2.04 ACCESSORIES

- A. Temporary Protective Cover: Sheet polyethylene, 8 mil (0.2 mm) thick.
- B. Magnetic Tray: Aluminum, manufacturer's standard profile, one piece full length of markerboard, molded ends, concealed fasteners, same finish as frame.
- C. Magnetic eraser: dry-erase board cleaning accessory with an integrated magnet that allows it to attach directly to magnetic glass board surfaces.

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

3.03 **INSTALLATION**

- A. Install boards in accordance with manufacturer's instructions.
- B. Secure units level and plumb.
- C. Mounting: [**Concealed Z clips**][**Stainless Steel Standoffs**]

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