

## DIVISION 10 – SECTION 10 11 00 – VISUAL DISPLAY SURFACES

### PART 1 - GENERAL

#### 1.01 DESCRIPTION OF WORK

- A. Section Includes:
  - 1. Glass Marker Walls
- B. Related Sections Include:
  - 1. Field-Assembled Trim

#### 1.02 REFERENCED STANDARDS

- A. American Society for Testing Materials
  - 1. ASTM B221 Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wires, Profiles and Tubes.
  - 2. ANSI Z97.1 Safety Glazing Materials Used in Buildings – Safety Performance Specifications and Methods of Test
- B. GREENGUARD Environmental Institute
  - 1. GREENGUARD Certified. UL2818-2013 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings.
  - 2. GREENGUARD Gold Certified. UL2818-2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings.

#### 1.03 SUBMITTALS

- A. Shop Drawings: Provide shop drawings for each visual display board required.
- B. Product Data: Provide technical data for materials specified. Include Material Safety Data Sheets, when applicable.
- C. Samples and color charts: Provide Manufacturer's color charts and composition samples of face, core, backing and trim to illustrate finish, color and texture, where required.
- D. Manufacturer's Instructions: Provide Manufacturer's installation and cleaning instructions.

#### 1.04 QUALITY ASSURANCE

- A. Provide all items in this section as manufactured by: Claridge Products and Equipment, Inc., Harrison, Arkansas 72602-0910, Phone: 870/743-2200 Fax: 870/743-1908
- B. Operation and Maintenance: Include data on regular cleaning, stain removal, and precautions.
- C. Product Certifications: Provide GREENGUARD and GREENGUARD Gold certificates for markerboard surfaces, as applicable.

#### 1.05 PROJECT CONDITIONS

- A. Field measure prior to preparation of shop drawings and fabrication to ensure proper fit.
- B. Wall must be level, finished and clean of debris.
- C. Comply with manufacturer's recommendations for acclimatizing area for interior moisture and temperature to approximate normal occupied conditions.

#### 1.06 DELIVERY, STORAGE AND HANDLING

- A. Ordering: Comply with manufacturer's ordering instructions and lead time requirements to avoid construction delay.

- B. Delivery: Deliver materials in original, unopened, undamaged containers with identification labels intact.
- C. Storage and Protection: Store materials protected from exposure to harmful weather conditions and at temperature and humidity conditions recommended by manufacturer.

#### 1.07 WARRANTY

- A. Submit a standard warranty, stating that under normal usage and maintenance, and when installed in accordance with manufacturer's instructions and recommendations, Claridge glass marker wall writing surfaces are guaranteed for 10 years. Guarantee covers replacement of defective boards but does not include cost of removal or reinstallation.
- B. Writing Surface Warranty Period: (Specify term) \_\_\_\_ years commencing on Date of Substantial Completion.

### PART 2 - PRODUCTS

#### 2.01 MANUFACTURERS

- A. Visual Display Surface Manufacturer: Claridge Products and Equipment, Inc.
  - 1. Contact: P. O. Box 910, Harrison, AR 72602; Telephone: (870) 743-2200; Fax: (870) 743-1908; E-Mail: claridge@claridgeproducts.com; web site: www.claridgeproducts.com.

#### 2.02 MATERIALS

- A. Claridge Glass Marker Walls (MWG)
  - 1. Glass: ¼-inch thick tempered, low-iron, extra clear, safety writing glass with polished edges
  - 2. Glass Marker Wall writing surface: Smooth finish for use with wet or dry-erase markers
  - 3. Glass Sizes: (Specify Size) Glass panels available up to 8'0" high and 4'0" wide
  - 4. Glass Color: (Specify Color) Calm White is standard (optional colors available).
  - 5. Backing: Glass Marker Walls have steel backing permanently adhered to the back of the glass providing a surface that accepts rare earth magnets
  - 6. Separator: Vinyl t-mold cushions and protects glass edges at butt joints. T-mold is approx. 1-1/4" wide at base.
- B. Claridge Extruded Aluminum Trim and Adhesive
  - 1. MWG - Marker Wall Trim (if required)
    - a. 1136 Glass Wall Trim or "Trim by others"
    - b. Perimeter trim for top and bottom of glass walls is slotted every 8" for easy installation
    - c. Length: (Specify length) Standard length is 8'0"
    - d. Finish: Satin anodize finish is standard; powder coat paint optional
  - 2. MWG – Marker Wall Adhesive
    - a. F-38 or 16A Adhesive (wall board or construction adhesive) required for mounting glass panels to wall
  - 3. MWG – Glass Mounting Clips Optional
    - a. 1136 Slotted clips – 1" wide (one clip required for every 6")
    - b. Finish: Satin anodize finish is standard; powder coat paint optional
- C. Glass Marker Wall Accessories
  - 1. Marker/Accessory Tray
    - a. MGM-MC1 Marker Caddy 3-1/2" x 3-1/8" x 1-3/4" for holding markers and/or eraser, eraser cloth. Integrated rare earth magnets

- b. MGM-T1 12" Magnetic aluminum blade-type tray 3" deep with integrated rare earth magnets
- c. GM-Tray 1 12" Adhesive-backed aluminum blade-type tray approx. 2-3/4" deep with double-sided tape
- 2. Eraser/Eraser Cloth
  - a. MGM-ME1 Magnetic Eraser with integrated rare earth magnets
  - b. E227 Microfiber Eraser Cloth – 12" x 12"
- 3. Rare Earth Magnets for Magnetic Glass Marker Wall Panels
  - a. MGM-REM1 Rare Earth Magnet with easy-grip tapered cap. Magnet is 3/4" diameter, 1/4" thick.
  - b. MGM-REM2 Rare Earth Magnet, set of 2, with easy-grip tapered cap. Magnet is 3/4" diameter, 1/4" thick.

## 2.03 FABRICATION

- A. Shop assembly: (Specify factory assembled or field assembled).

## PART 3 - EXECUTION

### 3.01 PROJECT CONDITIONS

- A. Verify before installation that interior moisture and temperature approximate normal occupied conditions.
- B. Verify that wall surfaces are prepared and ready to receive MWG panels.

### 3.02 INSTALLATION

- A. Deliver in accordance with manufacturer's shop drawings as approved by the architect.
- B. Follow manufacturer's instructions for storage and handling of units before installation.
- C. Do not install on damp walls or in damp and humid weather without heat in the building.
- D. Install level and plumb, keeping perimeter trim straight in accordance with manufacturer's recommendations.

### 3.03 ADJUST AND CLEAN

- A. Verify that all accessories are installed as required for each unit.
- B. At completion of work, clean surfaces and trim in accordance with manufacturer's recommendations, leaving all materials ready for use.