

# ETCHED METAL PLAQUE Specifications

Rev. 4/3/19

## Part I – General

### 1.1 Scope

A. Furnish plaques and hardware necessary to install metal plaques shown on drawings and herein specified.

### 1.2 Submittals

- A. Manufacturer's illustrated product literature and specifications.
- B. Installation instructions

### 1.3 Quality Assurance

- A. Manufacturer to have a minimum of 10 years experience in manufacturing plaques.
- B. All plaques to be manufactured by one manufacturer.

## Part II – Products

### 2.1 Acceptable Manufacturer or Manufacturer's Representative

A. Gemini Incorporated  
103 Mensing Way  
Cannon Falls, MN 55009  
Phone: 877-877-2922 or 507-263-3957  
Fax: 800-627-8547 or 507-263-4887  
Email: plaques@geminishignproducts.com  
Web: www.geminishignproducts.com

### 2.2 Materials (Metal Alloy options)

- A. Stainless Steel (Alloy C304; Optional Alloy 316)
- B. Bronze (Alloy C22000)
- C. Brass (Naval Brass Alloy C46400, 60% Copper, 39.25% Zinc & .75% Tin. Muntz is also available)
- D. Copper (Alloy C11000)

### 2.3 Process

1. Stainless, Bronze & Brass up to 36" x 72". Copper Etched up to 36" x 60".
2. Plaques are available in four thicknesses: 1/16", 1/8", 3/16" and 1/4" thick.
3. Edges — Square Edge is standard; 41 degree Bevel Edge optional (1/8"-1/4" thick).
4. Copy — Recessed copy and graphics are standard; Raised copy and graphics are also available.
5. Polished — Polishing, multi-color paint fill and thicker materials are available. Not all plaques may be polished.
6. Photographs & Line art — Halftone Photographs & Complex Line Art are available
7. Plaques are clear-coated and oven-baked with a two-part hardened seal of clear acrylic polyurethane.

### 2.4 Mounting Hardware

A. Hardware and instructions are provided for several mounting methods, including Blind Mount, Stud Boss Mount, Double Face Tape and Screw Mount. Etched Plaques 1/4" or thicker can be drilled and tapped for a stud mount. Thinner plaques can have corner holes drilled for mounting

### 2.5 Manufacture

- A. Plaques shall be made of either Stainless Steel (Alloy C304; Optional Alloy 316), Bronze (Alloy C22000), Brass (Naval Brass Alloy C46400) or Copper (Alloy C11000).
- B. Plaques shall use \_\_\_\_\_ letterstyle with letters that are \_\_\_\_\_ inches high, as indicated on the drawings.
- C. Mounting shall be \_\_\_\_\_

## Part III – Execution

### 3.1 Installation

A. A qualified installer shall install plaques. Additional structural support may be required for larger/heavier plaques.

### 3.2 Warranty

A. Plaques should be guaranteed for the life of the business against defects.

### 3.3 Maintenance

A. Cleaning of Plaques as needed, per manufacturer's recommendations.