

**Part I – General****1.1 Scope**

A. Furnish letters and hardware necessary to install cast letters shown on drawings and herein specified.

**1.2 Submittals**

A. Manufacturer's illustrated product literature and specifications.

B. Installation instructions

**1.2 Quality Assurance**

A. Manufacturer to have a minimum of 20 years experience in manufacturing letters.

B. All letters to be manufactured by one manufacturer.

**Part II – Products****2.1 Acceptable Supplier**

Toronto Stamp Inc.  
120 Midwest Road  
Toronto, ON M1P 3B2  
Phone: 416-368-7022 or 1-800-637-5813  
Fax: 416-368-2478 or 1-800-637-5814  
Email: [sales@torstamp.com](mailto:sales@torstamp.com)  
Web: [www.torstamp.com](http://www.torstamp.com)

**2.2 Materials (Metal Alloys)**

A. Aluminum – 319 Alloy/514 Alloy

B. Bronze – NAVY G – no-lead bronze

**2.3 Finishes****A. Aluminum**

1. Natural Satin faces, bead-blasted returns, clear acrylic polyurethane powder-coated, baked.
2. Baked Enamel, bead-blasted returns, #319 aluminum alloy, baked.
3. Clear Anodized, bead-blasted returns, #514 Alloy.
4. Gold anodized, bead-blasted returns, #514 Alloy.
5. Medium bronze anodized, sanded return, #514 Alloy.
6. Dark bronze anodized, sanded return, #514 Alloy.
7. Black anodized, sanded return, #514 Alloy.

**B. Bronze**

1. Natural satin faces, bead-blasted returns, sprayed with 2-part hardened acrylic polyurethane clear coat, NAVY G 88-0-4 lead- and mercury-free bronze alloy, baked.
2. Polished, US9 Finish, hand-polished face, bead-blasted return, 2-part hardened acrylic polyurethane clear coat, NAVY G 88-0-4 lead- and mercury-free bronze alloy, baked.
3. Oxidized, NAVY G 88-0-4 lead- and mercury-free bronze alloy, 2-part hardened acrylic polyurethane clear coat, US10B finish, baked.
4. Green Patina, varies from letter to letter, not uniform.

**2.3 Mounting Hardware**

- A. Cast metal letters have threaded stud bosses or are drilled & tapped for stud insertion.
- B. All aluminum letters under 18" use aluminum studs, type based on stroke and thickness.
- C. All other letters use stainless steel studs.

**2.4 Manufacture**

- A. Cast metal letters shall be made of \_\_\_\_\_.
- B. Letter shall be \_\_\_\_\_ letter style and shall be \_\_\_\_\_ inches high, as indicated on the drawings.
- C. Finish shall be \_\_\_\_\_.
- D. Mounting shall be \_\_\_\_\_ and a mounting template designating stud locations is/is not required for mounting on a \_\_\_\_\_ surface

**Part III – Execution****3.1 Installation**

A. A qualified installer shall install cast letters.

**3.2 Warranty**

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