

SPECIAL SPECIFICATION

SECTION 10420S

PLAQUES AND LETTERS

PART 1 - GENERAL

1.01 SECTION INCLUDES:

- A. Cast aluminum lettering for building identification.

1.02 RELATED SECTIONS:

- A. Drawings and general provisions of the Contract, including General Supplementary Conditions and Division 1 Specification Sections, apply to this Section.
- B. Section 03450S – Plant-Precast Architectural Concrete
- C. Section 05500S – Metal Fabrications.
- D. Section 08901S – Glazed Aluminum Curtain Wall.

1.03 QUALITY ASSURANCE

- A. Uniformity of Manufacturer: For each sign form and graphic image process indicated, furnish products of single manufacturer.

1.04 SUBMITTALS

- A. Environmental Objectives Documentation: Signed by the manufacturers/fabricators stating level of compliance for the requirements and objectives of Section 01805S Environmental Objectives.**
- B. General:** Submit the following according to the Conditions of the Contract and Division 1 Specification Sections.
- C. Shop Drawings:** Submit scaled shop drawings showing fabrication method, finish, anchoring methods, layout, and installation method.

PART 2 - PRODUCTS

2.01 CAST LETTERS

- A Scope: The building identification shall consist of cast aluminum letters as described below, to be installed by owner or contractor.
- B. Product to be used as the basis of design: FASTSIGNS, "Order Number SID-ES11 for Sandia National Laboratories Building Identification"
- C. Fabrication of Letters: Fabricate letters to comply with requirements indicated below and as indicated on drawings. Castings shall be free of pits, scale, sand holes and other defects.
- D. Characteristics:
 - 1. Metal: Cast aluminum; ASTM B221; 6063 alloy, T5 temper.
 - 2. Description: Reverse channel numbers fabricated with 10 ga. face and a 22 ga. return.
 - 3. Size: 16" height x 2" depth
 - 4. Finish: Architectural Class I 0.7 mls., anodized to 215-R1 thickness, prepared with a mechanical pre-treatment, anodized to clear color.
 - 5. Mounting: Pin-connected, flush to substrate.

PART 3 - EXECUTION

3.01 INSTALLATION

- A General: Locate sign units and accessories where indicated on drawings, using mounting methods of the type described and in compliance with the manufacturer's instructions.
 - 1. Install signs level, plumb, and at the height indicated with sign surfaces free from distortion or other defects in appearance.
- B. Cleaning and Protection: After installation, clean soiled sign surfaces according to the manufacturer's instructions. Protect units from damage until acceptance by the owner.

END OF SECTION