

GUIDE SPECIFICATION

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SECTION 10430 DIMENSIONAL LETTERS - LM SERIES

Welcome to ASI Guide Specification System! ASI has prepared this guide specification in printed and electronic media, as an aid to specifiers in preparing written construction documents for interior and exterior signage using dimensional letters. Edit entire master to suit project requirements. Modify or add items as necessary. Delete items which are not applicable. Words and sentences within brackets [] reflect a choice to be made regarding inclusion or exclusion of a particular item or statement. This section may include performance, proprietary and descriptive type specifications. Edit to avoid conflicting requirements. Editor notes to guide the specifier are included between lines of asterisks to assist in choices to be made. They should be removed before the section is printed for use.

This guide specification is based on the Construction Specifications Institute (CSI), Section Format standards. References to section names and numbers are based on MasterFormat 95. For specification assistance with specific product applications, please contact the offices above. Detailed technical information, including available sizes, may be obtained from ASI corporate website at www.asisignage.com

ASI reserves the right to modify these guide specifications at any time. Updates to this guide specification will be posted as they occur. ASI makes no expressed or implied warranties regarding content, errors, or omissions in the information presented. Specifications modified or rewritten in excess of supplier's standard processes, products, and procedures may void warranties and related remedies.

1 GENERAL

1.1 SUMMARY

A. Related Documents: Provisions established within the General and Supplementary Conditions of the Contract, Division 1 - General Requirements and the Drawings are collectively applicable to this Section.

B. Section Includes:

1. Interior/exterior dimensional letters of cast plastic composition.

ASI has a complete line of signage products for the entire facility, including interior and exterior signs, dimensional letters, and directories. Many interior signs are updateable by the facility manager. Edit the Related Sections paragraph below to suit project requirements; delete sections that will not be used.

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|---------------|---|-----------------------------|
| C. | Related Sections: | |
| Section 10410 | Non-Illuminated Interior Directories | Series 440 |
| Section 10410 | Non-Illuminated Interior Directories | Series 470 |
| Section 10410 | Non-Illuminated Interior Directories | Series 490 |
| Section 10410 | Illuminated Interior Directories | Series 530 |
| Section 10410 | Illuminated Interior Directories | Series 560 |
| Section 10410 | Illuminated Interior Directories | Series 570 |
| Section 10420 | Cast Plaques | Cast Plaques |
| Section 10440 | Interior Signage - Photochemically-Etched ADA Signs | SignEtch I |
| Section 10440 | Interior Signage - Photochemically-Etched Plaque Signs | SignEtch II |
| Section 10430 | Dimensional Letters - Fabricated Metal | LF Series |
| Section 10430 | Dimensional Letters - Cut Metal | LPS Series |
| Section 10430 | Dimensional Letters - Cast Metal | LC Series |
| Section 10430 | Dimensional Letters - Metal-Laminate Acrylic | LPL Series |
| Section 10430 | Dimensional Letters - Molded Plastic | LM Series |
| Section 10430 | Dimensional Letters - Precision Cut Acrylic | LPP Series |
| Section 10440 | Dimensional Letters - Cut Vinyl | LTV Series |
| Section 10430 | Specialty Signs – Simulated stone materials | Simulated Materials |
| Section 10430 | Exterior Fiberglass Signs - 4 Sided Non Illuminated Monolith | Series 940S |
| Section 10430 | Exterior Fiberglass Signs - 4 Sided Non Illuminated Pylon | Series 840R |
| Section 10430 | Exterior Fiberglass Signs - 3 Sided Non Illuminated Monolith | Series 930S |
| Section 10430 | Exterior Fiberglass Signs - 3 Sided Non Illuminated Pylon | Series 830R |
| Section 10430 | Exterior Fiberglass Signs - 2 Sided Non-Illuminated Monolith | Series 920 |
| Section 10430 | Exterior Fiberglass Signs - 2 Sided Non Illuminated Pylon | Series 820 |
| Section 10430 | Exterior Fiberglass Signs - 2 Sided Non Illuminated Monolith | Series 920CF |
| Section 10430 | Exterior Fiberglass Signs - 2 Sided Non Illuminated Pylon - Curved Face | Series 820CF |
| Section 10430 | Exterior Fiberglass Signs - 4 Sided Illuminated Monolith | Series 1140S |
| Section 10430 | Exterior Fiberglass Signs - 4 Sided Illuminated Pylon - | Series 1040R |
| Section 10430 | Exterior Fiberglass Signs - 3 Sided Illuminated Monolith - | Series 1130S |
| Section 10430 | Exterior Fiberglass Signs - 3 Sided Illuminated Pylon - | Series 1030R |
| Section 10430 | Exterior Fiberglass Signs - 2 Sided Illuminated Monolith - | Series 1120 |
| Section 10430 | Exterior Fiberglass Signs - 2 Sided Illuminated Pylon - | Series 1020 |
| Section 10430 | Exterior Fiberglass Signs - 2 Sided Illuminated Pylon - Curved Face | Series 1020CF |
| Section 10430 | Exterior Fiberglass Signs - Non-Illuminated Post and Panel | Series 820 |
| Section 10430 | Exterior Fiberglass Signs - Illuminated Post and Panel | Series 1020 |
| Section 10430 | Exterior Fiberglass Signs - Illuminated Wall Mounted | Series 1014 |
| Section 10430 | Exterior Fiberglass Signs - Non-Illuminated Wall Mounted | Series 814/825 |
| Section 10430 | Exterior Aluminum Signs - Post and Panel | 2100 Series |
| Section 10430 | Exterior Aluminum Signs - Post and Panel | 2300 Series |
| Section 10430 | Exterior Aluminum Signs - Post and Panel | 2400 Series |
| Section 10430 | Exterior Aluminum Signs - Post and Panel | 2500 Series |
| Section 10430 | Exterior Aluminum Signs - Curved Face | Pacific Exterior |
| Section 10430 | Exterior Aluminum Signs - Interchangeable Components | Compass |
| Section 10430 | Exterior Aluminum Signs - Flat Face | Messenger Exterior |
| Section 10440 | Interior Unframed Signs | Series SP |
| Section 10440 | Interior 4 Sided Framed Signs - | Series 320/390 |
| Section 10440 | Interior Unframed Signs - Plastic Laminate or Acrylic with Raster Braille | InTac |
| Section 10440 | Interior Unframed Sign – Photopolymer Bonded to Acrylic | InTouch |
| Section 10440 | Interior Unframed Signs - Photopolymer Bonded to Plastic Laminate/PETG | InTouch 2 |
| Section 10440 | Interior Door Signage - Thermoformed Resin - InForm | InForm |
| Section 10440 | Interior Unframed Signs - Embossed (EmBoss) | EmBoss |
| Section 10420 | Interior Updateable Signs | WS Series |
| Section 10440 | Interior Updateable Signs - | Inhouse™ Classic Series 380 |
| Section 10440 | Interior Room Control Signs - | SL Series |
| Section 10440 | Interior Directional Signs - | PMA Series |
| Section 10440 | Interior Overhead Signs - | PAP Series |
| Section 14440 | Interior Desk Signs - | 200 Series |
| Section 10440 | Interior Modular Interchangeable Signs - Interior 20 | Interior 20 |
| Section 10440 | Interior Modular Interchangeable Signs - Infinity | Infinity |
| Section 10440 | Interior Modular Component Signs - Flat Face | Messenger Interior |
| Section 10440 | Interior Modular Interchangeable Signs - Curved Face | Pacific Interior |
| Section 10440 | Interior Unframed Signs - ECR Photopolymer-Based ADA Signage | Terra |
| Section 10440 | Interior Aluminum Extrusion Sign with Changeable Insert Curved | Horizon |
| Section 10440 | Interior Aluminum Extrusion Sign with Changeable Insert Flat | Venus |

1.

If specific sign quantities, sizes, layouts, and graphic processes are not scheduled, an allowance may be utilized to set aside a monetary amount sufficient for purchase, delivery, and installation of signage.

- D. [Allowances: Work of this section is affected by allowances. Refer to Division 1 for allowance amounts and requirements.]

1.2 QUALITY ASSURANCE

Include quality assurance requirements below which are consistent with the size and scope of the project and extent of work of this section. Only request qualification statements you intend to review, and which are necessary to establish qualifications of the product, manufacturer, or installer.

- A. Supplier: Obtain all products in this section from a single supplier.
- B. Regulatory Requirements: Products shall meet requirements of the Americans With Disabilities Act Accessibility Guidelines (ADAAG) and local amendments and modifications.
- C. Installer: Installation shall be performed by installer specialized and experienced in work similar to that required for this project.

Include submittal requirements below which are consistent with the scope of the project and extent of work of this section. Only request submittals which are necessary for review of design intent.

1.3 SUBMITTALS

- A. Submit in accordance with requirements of Division 1.
- B. Product Data: Submit product data for specified products. Include material details for each sign specified.
- C. Shop Drawings: Submit shop drawings showing layout, profiles, and product components, including dimensions, anchorage, and accessories.
- D. Samples: Submit supplier's standard color chart for selection purposes and selected colors for verification purposes.
- E. Installation: Submit supplier's installation instructions.
- F. Closeout Submittals:
 - 1. Submit operation and maintenance data for installed products, including precautions against harmful cleaning materials and methods.
 - 2. Submit warranty documents specified herein.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Comply with requirements of Division 1.
 - 1. Comply with manufacturer's ordering instructions and lead time requirements to avoid construction delays.
 - 2. Deliver products in manufacturer's original, unopened, undamaged containers with identification labels intact.
 - 3. Store products protected from weather, temperature, and other harmful conditions as recommended by supplier.
 - 4. Handle products in accordance with manufacturer's instructions.

1.5 WARRANTY

- A. Project Warranty: Comply with requirements of Division 1.
- B. Manufacturer's Warranty: Submit manufacturer's standard warranty document executed by authorized company official.
 - 1. Warranty Period: Two (2) years from product ship date. Warranty specifically excludes letter mounting substrate.

2 PRODUCTS

In 2.1A1 below, also list name, address, and phone/fax of local ASI Affiliate who is supplying to product or system to the project.

2.1 SIGNAGE SYSTEMS

- A. Acceptable Manufacturers:
 - 1. ASI Signage Innovations, 8181 Jetstar Drive, Suite 100, Irving, Texas 75063; (214) 352- 9140 telephone; (214) 352-9741 facsimile; (800) ASI-SPEC [274-7732]
 - 2. Substitutions: Submit in accordance with Section 01600.
- B. Acceptable Product: Series LM, Cast Plastic Dimensional Letters.

In 2.1C below select method of molding letters. In 2.1D, select either integrally colored or painted with standard painted colors. In 2.1E below, select letter style, letter height (between 12 and 48 inches), and letter depth (to inches for thermoformed and 3/8 to 1-1/2 inch for injection molded letters. In 2.1F, select mounting method.

- C. Material: [Thermo-formed cellulose based plastic] [Injection molded plastic with reduced range of letter forms with minimal return draft.]
- D. Finish: [Standard integral color finish from manufacturer's color chart.] [Standard painted color finish from manufacturer's color chart.]
- E. Fabricated Letters:
 - 1. Letterstyle: [_____].
 - 2. Letter Height: [_____].
 - 3. Letter Depth: [_____].
- F. Mounting Method: [Flush Stud Mount] [Pad Mount] [Combination Stud/Pad Mount].

2.2 FABRICATION - GENERAL

- A. General: Comply with requirements indicated for materials, thicknesses, finishes, colors, designs, shapes, sizes, and details of construction.
- B. Design, fabricate, and install sign assemblies to prevent buckling, opening up of joints, and over-stressing of welds and fasteners.
- C. Mill joints to a tight, hairline fit. Form joints exposed to the weather to exclude water penetration.
- D. Conceal fasteners if possible; otherwise, locate fasteners where they will be inconspicuous.
- E. Create signage to required sizes and layout. Comply with requirements indicated for design, dimensions, finish, color, and details of construction.

3 EXECUTION

3.1 EXAMINATION

- A. Site Verification of Conditions: Verify installation conditions previously established under other sections are acceptable for product installation in accordance with manufacturer's instructions.
- B. Scheduling of installation by Owner or it's representative implies that substrate and conditions are prepared and ready for product installation. Proceeding with installation implies installer's acceptance of substrate and conditions.

3.2 INSTALLATION

- A. Install product in accordance with supplier's instructions.
- B. Install product in locations indicated using mounting methods recommended by sign manufacturer and free from distortion, warp, or defect adversely affecting appearance.
- C. Install product level, plumb, and at heights indicated.
- D. Install product at heights to conform to Americans with Disabilities Act Accessibility Guidelines (ADAAG) and applicable local amendments and regulations.
- E. Install signs within the following tolerances and in accordance with manufacturer's recommendations:
 - 1. Interior Signs: Within 1/4 inch vertically and horizontally of intended location.
 - 2. Exterior Signs: Within 1 inch vertically and horizontally of intended location.

3.3 CLEANING, PROTECTION, AND REPAIR

- A. Repair scratches and other damage which might have occurred during installation. Replace components where repairs were made but are still visible to the unaided eye from a distance of 10 feet.
- B. Remove temporary coverings and protection to adjacent work areas. Clean installed products in accordance with manufacturer's instructions prior to Owner's acceptance. Remove construction debris from project in accordance with provisions in Division 1.

3.4 SIGN SCHEDULE

- A. Schedule: Refer to signage schedule and Drawings for sizes, locations, and layout of signage types, sign text copy, and graphics.

END OF SECTION