SECTION 10440
INTERIOR UNFRAMED SIGNS – Applied Tactile Lettering and Raster Braille on PET Acrylic Face (InTac™)

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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 ADA compliant, unframed signs, for interior use, fabricated using a photopolymer bonded process. 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. Contact the offices above regarding modifications and addition of new text.

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1 PART 1- GENERAL

1.1 SUMMARY
A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.
B. Section Includes:
   1. Unframed signs, tactile lettering and raster Braille on PET acrylic face, for interior applications.

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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.

C. Related Sections:

Section 10410 Non-Illuminated Interior Directories Series 440
Section 10420 Non-Illuminated Interior Directories Series 470
Section 10430 Non-Illuminated Interior Directories Series 490
Section 10440 Illuminated Interior Directories Series 540
Section 10440 Illuminated Interior Directories Series 560
Section 10440 Illuminated Interior Directories Series 570
Section 10440 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 Specialty Signs – Hardened enamel or porcelain materials Porcelain™
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
Section 10440 Interior Unframed Signs - Embossed (EmBoss) Emboss
Section 10440 Interior Updateable Signs WS Series
Section 10440 Interior Updateable Signs - Inhouse™ Classic Series 380
Section 10440 Interior Directional Signs - PMA Series
Section 10440 Interior Overhead Signs - PAP Series
Section 10440 Interior Modular Interchangeable Signs - Interior 20 Interior 20
Section 10440 Interior Modular Interchangeable Signs - Infinity Infinity

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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. Single Source Responsibility: For each separate type of sign required, obtain signs from one source from a single manufacturer.

B. Design Criteria: The Drawings indicate size, profiles, dimensional requirements and graphics layout of signs and are based on the specific type and model indicated. Signs by other manufacturers may be considered provided that deviations in dimensions and profiles are minor and do not change the design concept as judged by the designer. The burden of proof of equality is on the proposer.

1.3 SUBMITTALS

A. General: Submit the following in accordance with Conditions of the Contract and Division 1 Specification Sections.

B. Product Data: Include Manufacturer's construction details relative to materials, dimensions of individual components, profiles, and finishes for each type of sign required.

C. Color Chart: Manufacturer’s standard chart.

1.4 DELIVERY, STORAGE, AND HANDLING

A. Deliver components correctly packed to prevent damage.

B. Store in secure areas, out of weather and protected from work of other trades.

C. Handle IAW Manufacturer’s instructions.

1.5 WARRANTY

A. Provide Manufacturer’s standard one year limited warranty covering manufacturing defects.
Manufacturer's Warranty: Submit manufacturer's standard warranty document executed by authorized company official.

1. Warranty Period: one (1) year from product ship date.

2 PRODUCTS

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In 2.1A1 below, modify to reflect name, address, and phone/fax of local ASI Affiliate who is supplying to product or system to the project.
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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: InTac™ ADA-Ready™ Sign System with requirements indicated for materials, thickness, finish colors, designs, shapes, sizes and details.

InTac Series Signs offer a variety of standard and custom sizes, shapes, and appearance options; all fabricated using a photopolymer bonded to an acrylic backing plaque to create projected graphics. Revise below to suit project requirements. Note that Braille must be used to identify all permanent rooms and spaces.

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2.2 SIGN MATERIALS

A. Sign Face: Subsurface Painted acrylic, .125 inch thick, matte first surface.
B. Applied Lettering and/or Numerals: LPP Series Individual, Acrylic, Dimensional Characters. Individual cut acrylic letters (1/32" thick) with matte finish.
C. Grade 2 Braille: Clear raster balls
D. Fastener: VHB Tape -.030 inch thick double-face tape.

2.3 PLAQUE OPTIONS

A. Manufacturer’s standard ASI Intac™ Tactile Plaque construction. To meet requirements indicated for materials, thickness, finish colors designs, shapes, sizes and details of construction. Installed dimensional tolerances to be plus/minus 1/16 inch.

B. Surface Graphics: Sign graphics to be applied to sign face by Manufacturer’s standard processes including Rowmark pressure sensitive adhesive. Face of sign graphics to be raised 1/32 inch min. from plaque first surface. Precisely formed, uniformly opaque graphics to comply with relevant ADA regulations and the requirements indicated for size, style, spacing, content, position and colors.

C. Braille Tags: Clear raster balls to be drilled and tapped using ASI’s standard Intac procedure and Intac Braille guide.

2.4 FINISHES

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A. Colors: As selected from the Manufacturer’s standards.
B. Surface Texture: matte, per ASI Intac™ standards.

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In 2.5 below, select from one or more of the mounting options available.
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2.5 INSTALLATION METHOD
A. [System VT, vinyl tape.]
B. [System SA, silicone adhesive.]
C. [System MH, mounting holes for mechanical fasteners.]
D. [System CSMH, counter sunk mechanical fasteners.]
E. [System PM, partition mount, compatible with systems furniture panels.]

3 EXECUTION
3.01 INSTALLATION
A. General: Locate letters and graphic elements where indicated, using installation methods IAW the manufacturer’s instructions.

B. Cleaning and Protection: Upon completion of the installation clean letter surfaces IAW the manufacturer’s instructions. Protect units from damage until acceptance by the Owner.

3.1 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