

GUIDE SPECIFICATION

Corporate Office:
ASI Signage Innovations
8181 Jetstar Drive, Suite 100
Irving, Texas 75063
(214) 352-9140 voice
(214) 352-9741 facsimile
(800) ASI-SPEC [274-7732]
www.asisignage.com
marketing@asisignage.com

SECTION 10430 EXTERIOR ALUMINUM SIGNS - INTERCHANGEABLE COMPONENTS - COMPASS 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 exterior signage using the COMPASS Series Modular Architectural Sign System. 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.

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:

Edit the "Section Includes" paragraph to briefly describe the content of the section. After editing section, refer back to this paragraph to verify no conflicts occur.

- 1. [COMPASS Double Post and Panel Signs.]

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 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	Horizon
Section 10440	Interior Aluminum Extrusion Sign with Changeable Insert	Venus
Section 10440	Interior Signs - Applied Tactile Lettering and Raster™ Braille on Eco Friendly Substrates	InTac™ Eco
Section 10440	Interior Modular Interchangeable Signs Jigsaw	Jigsaw
Section 10440	Interior Modular Interchangeable Signs - Puzzle	Puzzle

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.

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.

COMPASS is an exterior sign system composed of 6 different sign type options. The majority of the sign types are manufactured from precision-formed aluminum sheet panels with a variety of extruded or cast aluminum, or injection molded hardware, attached to extruded aluminum posts of various sizes and shapes. Additional sign types that are not post supported (Cable Suspended Panels) are also included in this section. Select from one or more of the 6 options in B below.

- B. Acceptable Product: COMPASS Exterior Panel Sign System, with the following mounting options:
 1. Double Post and Panel Signs:

Identify panel size in "a" below or refer to schedule. In "b" below, select panel thickness.

- a) Panel size: [_____].
- b) Panel type: [Regular panel, 1" (25 mm) wide.]
- c) Panel Attachment Type: [Top loading] [Front loading] panels.

In "d" below, select post options from the choices available.

- d) Posts
 - 1) 1) Square Posts: 2-3/8" x 2-3/8" (60 mm x 60 mm), one channel posts.
 - 2) 2) Round Posts: [3-1/2" (90 mm) diameter, one-, two- or four-channel posts.] [2-3/4" (70 mm) diameter, one channel posts.]

- 3) Triangular Posts: [9-7/8" (250 mm) face width posts.] [[6-7/8" (175 mm) face width posts.]

In "e" below, select mounting options.

- e) Mounting:
 - 1) [Manufacturer's standard galvanized steel ground sleeve.]
 - 2) [Flange Sleeve: [Specify flange sleeve appropriate for specified post type.]

2. Center Post and Panel Signs:

Identify panel size in "a" below or refer to schedule. In "b" below, select panel thickness.

- a) Panel Size: [_____].
- b) Panel Type: Regular panel, 1" (25 mm) wide.
- c) Posts: Round posts, 2-3/4" (70 mm) diameter.

In "d" below, select mounting options.

- d) Mounting:
 - 1) Ground Sleeve: Manufacturer's standard galvanized steel ground sleeve.
 - 2) Flange Sleeve: Flange sleeve for 2/3/4" (70 mm) diameter posts.

3. Post and Projecting Panel Signs:

In "a" below, select panel length.

- a) Panels: Regular panel, 1" (25 mm) wide, [4" (100 mm)] [4-3/4" (120 mm)] high x [_____] length].
- b) Posts: Round posts, 2-3/4" (70 mm) diameter.

In "c" below, select mounting options.

- c) Mounting:
 - 1) Ground Sleeve (for single post): Manufacturer's standard galvanized steel ground sleeve.
 - 2) Flange Sleeve (for single post): Flange sleeve for 2/3/4" (70mm) diameter posts.

4. Parking Panel Signs

- a) Panels: Regular panel, 1" (25 mm) wide, 5" (120 mm) high x 20" (500mm) length.
- b) Posts: Round posts, 1-3/4" (44 mm) diameter, one-channel posts.
- c) Mounting: Direct burial mounting with ground stabilizing plate as recommended by manufacturer.

5. Wall Mounted Panel Signs

Identify panel size in "a" below or refer to schedule.

- a) Panel size: [_____].
- b) Panels: Regular panel, 1" (25 mm) wide.
- c) Mounting: Manufacturer's standard injection molded mounting clips, minimum four per sign.

6. ID Post and Slim Pictogram Panel Signs:

Identify ID post size in "a" below or refer to schedule.

- a) Post size: [_____].

In "b" below, select post configuration options from the choices available.

- b) Posts
 - 1) Single Trapezoid ID Post: [[6-7/8" (175 mm) face width post.]

- 2) Single Trapezoid ID Post with Pictogram Panel [Two 6 7/8" face width post][Slim Pictogram Panel 1.25 mm [0.05"] aluminum plate]
- 3) Double Trapezoid ID Post: [9-7/8" (250 mm) face width posts.]
- 4) Triple "Tri" Trapezoid ID Post: [Three 9-7/8" (250 mm) face width posts.]
- 5) Quadruple "Quad" Trapezoid ID Post: [Four 9-7/8" (250 mm) face width posts.]

In "c" below, select mounting options.

- c) Mounting:
 - 1) [Flange Mounted.]

In "d" below, select graphic options.

Graphics for Post: [LTV Series Vinyl] [Print on Panel Digital Graphics on Vinyl Appliqué]
 Graphics for Contrast Profile: [LTV Series Vinyl]

7. Cable Suspended Panel Signs

Identify panel size in "a" below or refer to schedule.

- a) Panel size: [_____].
- b) Panels: Regular Panel, 1" (25 mm) wide, [5" (120 mm)] [6" (160 mm)] high.
- c) Mounting: Manufacturer's standard cable suspended mechanism unit.

In "C1" below, select lettering style and size (eg, 4" Helvetica, normal capitalization only). In "C2" below, select graphic technique desired. In "C3" below, select text and graphics colors. In "C4" below, schedule the exact text and/or graphics desired for each sign, or refer to schedule.

- C. Graphic Process:
 - 1. Letter styles and sizes: [_____].
 - 2. Graphic technique: [Surface screen process] [LTV series die cut vinyl].
 - 3. Text or graphic color(s)[Specify from manufacturer's standard color chart.]
 - 4. Text and graphic schedule: [_____].

2.2 SIGN MATERIALS AND COMPONENTS

- A. Materials and Components
 - 1. Aluminum Panels: Meeting ASTM B209, alloy EN 5052 H12, minimum 0.05" (1.25mm) thick.
 - 2. Aluminum Extrusions: Meeting ASTM B221, alloy 6063-T5.
 - 3. Accessories: Provide end caps, couplings, coupling fittings, mounting fittings, interchangeable fittings, and other hardware and accessories for a complete installation.
- B. Finish: Manufacturer's standard two-phase, high temperature cured polyester color coating as follows:
 - 1. Primer: 2 mil thick chromium layer for optimum surface coat adhesion and weatherability.
 - 2. Top Coat: Two-component, water-based, non-toxic, lead-free, zero emissions, high temperature cured polyester coating of 2-3 mil thickness.
 - 3. Colors: [As selected from manufacturer's standard colors.] [Custom color to match Architect's sample.]

2.3 FABRICATION - GENERAL

- A. General: Comply with requirements indicated for materials, thicknesses, finishes, colors, designs, shapes, sizes, and details of construction.

- B. Allow for thermal movement resulting from a maximum ambient temperature change (range) of 100 deg F (38 deg C). 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. Preassemble signs in the shop to the greatest extent possible to minimize field assembly. Disassemble signs only as necessary for shipping and handling limitations. Clearly mark units for reassembly and installation, in a location not exposed to view after final assembly.
- E. Conceal fasteners if possible; otherwise, locate fasteners to appear inconspicuous.
- F. Form panels to required size and shape. Comply with requirements indicated for design, dimensions, finish, color, and details of construction.
- G. Coordinate dimensions and attachment methods to produce message panels with closely fitting joints. Align edges and surfaces with one another in the relationship indicated.
- H. Increase material thickness or reinforce with concealed stiffeners or backing materials as required to produce surfaces without distortion, buckles, warp, or other surface deformations.

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 its 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. 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