

ClearPath Signage Systems has prepared this specification template as a resource to specifiers preparing written construction documents for interior and exterior signage using modular face designs mounted on a structural frame and interchangeable chassis. Specifier will edit entire master to suit project requirements. Items in green throughout the document show a note to the specifier and indicate a section that needs modified. All statements in green should be deleted before the document is printed. Information within brackets [] reflects a choice to be made regarding inclusion or exclusion of a particular item or statement.

This specification template is based on the Construction Specifications Institute (CSI), Section Format standards. References to section names and numbers are based on Master Format 2010. For assistance with specific product applications, please contact ClearPath Signage Systems at 866-953-2777 or info@clear-path.com. Detailed technical information, may be obtained from ClearPath at www.clear-path.com/Way_Finding_Products.html

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SECTION 10 14 00 – SIGNAGE

PART 1 – GENERAL

1.1 SUMMARY

- A. This section includes interior and exterior identification, informational, directional, and directory signage.

1.2 RELATED SECTIONS

SPECIFIER NOTE: Delete any sections below not relevant to this project. Add others as required.

- A. Section 10 13 00 Directories
- B. Section 10 14 26 Post and Panel/Pylon Signage
- C. Section 10 14 33 Illuminated Pylon Signage
- D. Section 10 14 43 Photoluminescent Signage
- E. Section 10 14 63 Electronic Message Signage
- F. Section 26 53 00 Exit Signs
- G. Section 26 56 00 Exterior Lighting

1.3 REFERENCES

SPECIFIER NOTE: Insert references which govern the production, installation, and use of signs

1.4 DEFINITIONS:

- A. Blocking Pins: This small wedge piece is used as an anti-vandalism feature for side tracks, desk stands, and double end caps.
- B. Frame Key: Used to remove the profiles from their clips without disassembling the sign.

- C. JazZ Soft Clip: This is a patented clip used with the TLJAZ2 side track and the synthetic end caps in the DeSign series.
- D. DeSign Soft Clip: Used in combination with TLEKC and TLEKR side tracks, intermediate profile, and support profile. These clips ensure extensive flexibility without breaking.

1.5 SUBMITTALS

- A. Product Data: Include manufacturer's written data on physical characteristics, printed specifications, mounting details, and installation recommendations.
- B. Shop Drawings: Submit shop drawings showing layout, profiles, and product components, including dimensions, anchorage, and accessories. Identify the required materials sizes, finishes, mounting and accessory items.

SPECIFIER NOTE: Delete selection samples if colors have already been selected.

- C. Samples: Submit supplier's standard color chart or physical samples for selection purposes or verification of materials, colors, surface textures, overall quality, and for adherence to drawings and requirements indicated.

Furnish two finished signs in the colors specified and graphics scheduled.

1.6 QUALITY ASSURANCE

- A. Regulatory Requirements: In accordance with Section 01 41 00.

1.7 DELIVERY, STORAGE & HANDLING (In accordance with Section 01 60 00.)

- A. Comply with manufacturer's ordering instructions and lead time requirements to avoid construction delays.
- B. Store signs in a dry area, protected from weather, excessive temperatures, and other harmful conditions as recommended by the supplier.
- C. Handle products in accordance with the manufacturer's instructions.
- D. Deliver signs to the project site (or requested destination). Signs must be boxed and have protective wrap to prevent damage during delivery and storage.

1.8 WARRANTY

- A. ClearPath's warranty is limited to replacement of product only, and such warranty does not extend to the costs of any repeat labor or incidental costs.
- B. See ClearPath's full warranty statement for warranty limitations and disclaimers.

PART 2 – PRODUCTS

2.1 MANUFACTURER

A. ClearPath Signage Systems

1. 2040 Industrial Drive, Findlay, OH. 45840
Phone (866) 953-CPSS [2777]; Fax (419) 425-0501
www.clear-path.com

SPECIFIER NOTE: Delete any sign systems below not relevant to this project.

B. Sign Systems:

1. JazZ Curved Modular Aluminum Frame System
2. DeSign Modular Aluminum Frame System
3. Alliance Modular Aluminum Frame System

2.2 SIGN SYSTEMS

- A. JazZ Curved Modular Aluminum Frame System: This system has a 3/4" wide triangular extruded aluminum side track. Soft clips are slid into the side track to allow various insert and face profiles to snap in and out of place without disassembling the entire sign. Flat insert and face profiles from the DeSign product line may also be used in combination with the JazZ side tracks and curved profiles.

1. Mill Finish JazZ Curved Profile Heights: [1.22" (31 mm)] [2.44" (62 mm)] [3.66" (62 mm)] [4.88" (124 mm)] [6.10" (155 mm)] [7.32" (186 mm)] [8.54" (217 mm)] [9.76" (248 mm)]

Profiles widths: [6.10" (155 mm)] [7.09" (180 mm)] [11.81" (300 mm)] [18.90" (480 mm)] [23.62" (600 mm)]

2. Side Track Colors: [Paintable Mill Finish] [Silver Anodized] [Gold Anodized] [Black Anodized]
3. Profile Colors: [Paintable Mill Finish]
4. Synthetic Parts Colors: [Black] [Grey]
5. Mounting Options: [Wall] [Door] [Suspended] [Soffit]

- B. DeSign Modular Aluminum Frame System: DeSign is available in four extruded aluminum frame styles and one synthetic frame style.

1. Profile Heights: [0.61" (15.5 mm)] [1.22" (31 mm)] [1.83" (46.5 mm)] [2.44" (62 mm)] [3.66" (62 mm)] [4.88" (124 mm)] [6.10" (155 mm)] [7.32" (186 mm)] [8.54" (217 mm)] [9.76" (248 mm)]
 2. Profile Width: [] **Note: Profiles come in widths up to 11.5' (3500 mm).**
 3. Frame Styles:
 - a. [Classic side tracks capped] – 1/4" square side tracks capped top and bottom
 - b. [Classic full frame] – 1/4" square side tracks, top and bottom rails
 - c. [Radius side tracks capped] – 1/2" radius side tracks capped top and bottom
 - d. [Radius full frame] – 1/2" radius side tracks, top and bottom rails
 - e. [Synthetic end caps] – 1/4" synthetic end caps
 - End caps are available in the following heights: [1.22" (31 mm)] [2.44" (62 mm)] [3.66" (62 mm)] [4.88" (124 mm)] [6.10" (155 mm)] [7.32" (186 mm)] [8.54" (217 mm)] [9.76" (248 mm)]
 4. Side Track and Profile Colors: [Paintable Mill Finish] [Silver Anodized] [Gold Anodized] [Black Anodized]
 5. Synthetic Parts Colors: [Black] [Grey]
 6. Mounting Options: [Wall] [Door] [Suspended] [Flag Mount] [Cubicle Mounted] [Desk/Freestanding] [Soffit]
- C. Alliance Modular Aluminum Frame System: The Alliance system uses DeSign insert and flat profiles with two synthetic end cap styles.
1. Profile Heights: [0.61" (15.5 mm)] [1.22" (31 mm)] [1.83" (46.5 mm)] [2.44" (62 mm)] [3.66" (62 mm)] [4.88" (124 mm)] [6.10" (155 mm)] [7.32" (186 mm)] [8.54" (217 mm)] [9.76" (248 mm)]
 2. Profile Width: [] **Note: Profiles come in widths up to 11.5' (3500 mm).**

End caps are available in the following heights: [1.83" (46.5 mm)], [2.44" (62 mm)], [3.66" (62 mm)], [4.88" (124 mm)], [6.10" (155 mm)], [7.32" (186 mm)], and [8.54" (217 mm)]
 3. Frame Styles:
 - a. [Classic End Caps] – 0.08" (2 mm) wide
 - b. [Ellipse End Caps] – 1 3/8" (35 mm) wide
 4. Side Track and Profile Colors: [Paintable Mill Finish] [Silver Anodized] [Gold Anodized] [Black Anodized]
 5. Synthetic Parts Colors: [Black] [Grey]
 6. Mounting Options: [Wall] [Door] [Cubicle Mounted] [Soffit]

Refer to project sign schedule for specific information on individual sign sizes.

SPECIFIER NOTE: Select the appropriate parts and quantities from the following list according to the sign schedule

2.3 SIGN COMPONENTS

- A. Face Profiles: The face profiles have a material thickness from 0.06" - 0.12" (1.5 - 3 mm), allowing for direct engraving and Braille applications. Vinyl appliqué, painting, tactile characters, direct digital printing and screen printing are other options for face profiles.
- B. Insert Profiles: The insert profiles accept any material up to 1/16" thick. Examples of acceptable materials include, but are not limited to, engravable plastic, acrylic, digitally printed materials, paper, and photo polymers.
- C. Variable Panel Profiles: The variable insert profiles offer the possibility to create any size insert panels from 0-11.5' (0-3500 mm). The variable insert profiles can be integrated into any of the product lines. They can be used with the standard profile heights to create custom directories, or used on their own to fit any project's needs. Variable panel profiles are most commonly used when the insert material is paper, and the sign needs to accept a specific paper size.
- D. Support Profiles: Support profiles are a hidden reinforcement used in signage over 24" (610 mm wide).
- E. Side Tracks: Extruded aluminum profiles that come in three distinct shapes: square, radius, and triangle.
- F. Side Track Caps: Used to cap the top and bottom of the side tracks.
- G. DeSign Single End Caps: These vandal-proof end caps are for wall fixation and are used in combination with the TLCLJ clips.
- H. DeSign Double End Caps: Synthetic caps for finishing the ends on double-sided flags and suspended signs.
- I. Alliance Ellipse End Caps: Elliptical shaped synthetic end caps for wall fixation. These end caps allow for the combination of profiles from 1.83" – 8.54" (46.5-217 mm).
- J. Alliance Classic End Caps: Slim shape synthetic end caps for wall fixation. These end caps allow for the combination of profiles from 1.83" – 8.54" (46.5-217 mm).
- K. Desk Stand End Caps: Available in two sizes 1.22" (31 mm) 2.44" (62 mm).
- L. Side Track Blocking Pin: TLAND is a patented anti-theft blocking pin for securing all types of wall mounted signs assembled with side tracks.
- M. Desk Stand Blocking Pin: This is a patented blocking pin, necessary for securing the profiles into the desk stand end caps.

- N. Double-End Cap Blocking Pin: TLDWA is a patented wedge pin to lock the aluminum profiles into the double end caps for the flag and suspended signs.
- O. JazZ Soft Clips: The TLCLJ is a patented clip used to combination with single synthetic end caps and the TLJAZ2 side track.
- P. DeSign Soft Clips: TLCLI is used in combination with TLEKC and TLEKR side tracks, intermediate profile, and support profile.
- Q. Screw: Used to lock the side track caps or classic frame corners and to ensure the correct blocking of the TLCLJ clips in the side tracks.
- R. Frame Key: Removes profiles from the clips in the side tracks.

2.4 SIGN INSERTS

A. Approved Materials:

1. Applied Material (to create tactile copy/graphics): Matte finish with a minimum thickness of 1/16 inch (1.6 mm) and a contrasting color from the background material.

Reference project sign schedule for specific material requirements

2. Substrates (sign background material): Matte or non-glare finish and of a contrasting color from the substrate material.

Reference project sign schedule for specific material requirement

B. Finishes and Colors

1. For ADA compliant signage use matte finish contrasting colors.

Refer to project sign schedules for specific information on colors.

C. Graphics

1. Tactile Characters: Use approved profile material, computer engineered, adhesive-backed, raised graphics, complying with ADAAG 2004.
2. Pictograms: All "symbols" must match as closely as possible the published "international" symbols. Other interpretations will not be deemed acceptable. All symbols must be approved prior to fabrication.

SPECIFIER NOTE: Surface graphics must meet ADA signage requirements for color contrast and surface finish. Select graphics colors from manufacturer's actual color samples.

2.5 FABRICATION

Refer to project sign schedule for specific information on sign materials, shapes, color and other design information.

SPECIFIER NOTE: Select sign insert type below

- A. Sign Insert Materials and Engraving Substrates: *(choose all that apply)*

1. Modified acrylic 1-ply engraving substrate with non-glare finish
 2. Modified acrylic 2-ply engraving substrate with non-glare finish
 3. Non-glare acrylic
 4. 1-ply Aluminum sheet with satin anodized finish or matte non-glare paint
 5. Screen Print
 6. Other
- B. Production Methods: *(choose all that apply)*
1. Routed method of engraving
 2. Applied material method *(standard)*
 3. Inlay material method *(for high abuse or vandal prone areas)*
 4. Digital Imaging
 5. Hot-Stamping
 6. Other
- C. Braille: The Raster bead method for fabricating Braille is the required standard of manufacture.

PART 3 – EXECUTION

3.1 EXAMINATION

3.2 INSTALLATION

SPECIFIER NOTE: Select a method below based on installation and mounting requirements

- A. Screws and drywall anchors
- B. Double-sided VHB tape
- C. Glue

3.3 CLEANING, PROTECTION, AND REPAIR

- A. Cleaning: Proper care for the sign finish is important, as harsh cleansers and solvents can permanently damage aluminum finishes. Always clean by wiping with a soft, lint-free, damp cloth, taking care to wipe gently and not rub anodized or painted surfaces.

For stubborn dirt, wash with a very mild solution of liquid hand detergent and lukewarm water. Use a soft cloth or sponge. Dry by blotting with a damp cloth or chamois. Do not dry by rubbing with a dry cloth.

Avoid using products such as window cleaners, liquids containing ammonia, souring compounds, gritty cloths, gasoline, or solvents (alcohol, acetone, kerosene, carbon tetrachloride, naphtha, spirits, or any aromatic hydrocarbons.)

- B. Silver, Black, and Gold Anodized Finishes: Dry with a damp cloth or damp chamois.

3.4 SCHEDULE

- A. Provide the following interior signs: (see attached schedule).

SPECIFIER NOTE: Furnish complete list of required signs. Include text and symbols, if any. Indicate quantity of each. Manufacturer is not responsible for quantities not clearly indicated in this schedule.

END OF SECTION