

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 26 – POST & PANEL/PYLON SIGNAGE

PART 1 – GENERAL

1.1 SUMMARY

- A. This section includes interior and exterior freestanding and below grade post and panel, flag, totem and pylon 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 33 Illuminated Pylon Signage
- C. Section 10 14 43 Photoluminescent Signage
- D. Section 10 14 63 Electronic Message Signage
- E. Section 26 53 00 Exit Signs
- F. 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. Frame Key: Used to remove the profiles from their clips without disassembling the sign.
- B. JazZ Soft Clip: This is a patented clip used in the channel of the Totem Multifunctional post to allow profiles to be snapped into the post.

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 one finished sign 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 products in a dry area, protected from weather, excessive temperatures, and other harmful conditions as recommended by the supplier. Store signs in a dry area protected from the elements.
- 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. Exterior Aluminum Frame System
2. Totem Multifunctional Aluminum Frame System
3. Pylon Aluminum Frame System

2.2 SIGN SYSTEMS

A. Exterior Post & Panel

1. Post Diameters: [2.36" (60 mm)] [2.54" (90 mm)]
2. Post Height: [_____] *Note: Posts come in any height up to 14.75' (4500 mm).*
3. Panel Heights: [1.97" (50 mm)] [3.94" (100 mm)] [5.91" (150 mm)] [7.87" (200 mm)] [9.84" (250 mm)]
4. Panel Length: [_____] *Note: Profiles come in widths up to 11.5' (3500 mm).*
5. Colors: [Paintable Mill Finish] [Silver Anodized] [Black Anodized]
6. Mounting Options: [Below Grade] [Freestanding with Steel Bases]

B. Exterior Flag

1. Post Diameters: [2.36" (60 mm)] [2.54" (90 mm)]
2. Post Height: [_____] *Note: Posts come in any height up to 14.75' (4500 mm).*
3. Blade Heights: [1.97" (50 mm)] [3.94" (100 mm)] [5.91" (150 mm)] [7.87" (200 mm)] [9.84" (250 mm)]
4. Blade Length: [_____] *Note: Blades come in any length up to 11.5' (3500 mm).*
5. Colors: [Paintable Mill Finish] [Silver Anodized] [Black Anodized]
6. Mounting Options: [Below Grade] [Freestanding with Steel Base]

C. Exterior Wall Projection Mount

1. Blade Heights: [1.97" (50 mm)] [3.94" (100 mm)] [5.91" (150 mm)] [7.87" (200 mm)] [9.84" (250 mm)]
2. Blade Length: [_____] **Note: Blades come in any length up to 11.5' (3500 mm).**
3. Colors: [Paintable Mill Finish] [Silver Anodized] [Black Anodized]
4. Mounting Options: [Wall]

D. Totem Multifunctional w/ Insert Profiles

1. Post Diameter: 2.36" (60 mm)
2. Post Height: [_____] **Note: Posts come in any height up to 14.75' (4500 mm).**
3. Standard Widths: [11.81" (300 mm)] [18.90" (480 mm)] [23.62" (600 mm)]
4. Custom Width: [_____]
5. 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)]

6. DeSign 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)]

Variable Insert Profiles: Height [_____] Width [_____]

Note: Profile widths will be the same as the standard or custom width chosen above.

7. Colors: [Paintable Mill Finish] [Silver Anodized] [Black Anodized]
8. Mounting Options: [Below Grade] [Freestanding with Individual Steel Bases] [Freestanding with Single Elliptical Base]

E. Totem Multifunctional w/ Substrate Material

1. Post Diameter: 2.36" (60 mm)
2. Post Height: [_____] **Note: Posts come in any height up to 14.75' (4500 mm).**
3. Standard Widths: [11.81" (300 mm)] [18.90" (480 mm)] [23.62" (600 mm)]
4. Custom Width: [_____]

5. Colors: [Paintable Mill Finish] [Silver Anodized] [Black Anodized]
6. Mounting Options: [Below Grade] [Freestanding with Individual Steel Bases]
[Freestanding with Single Elliptical Base]

F. Pylon w/ Substrate Material

1. Post Diameter: 3.54" (90 mm)
2. Post Height: [_____] *Note: Posts come in any height up to 14.75' (4500 mm).*
3. Standard Widths: [23.62" (600 mm)] [35.43" (900 mm)]
4. Custom Width: [_____]
5. Colors: [Paintable Mill Finish] [Silver Anodized] [Black Anodized]
6. Mounting Options: [Below Grade] [Freestanding with Individual Steel Bases]
[Freestanding with Single Elliptical Base]

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. Totem Post: A multi-functional post to create totems of any size up to 14.75' (4500 mm). Can be combined with flat and/or curved profiles, and/or any kind of plate material with a thickness up to 3 mm / 0.11".
- B. Pylon Post: With this post you can create pylons of any size up to 14.75' (4500). It can be used with any kind of plate/substrate material with a thickness up to 5 mm / 0.197".
- C. Exterior Post: Round aluminum posts with vertical channels that accept the panel profiles and lock them into place.
- D. Single Post Cap: Aluminum single post cap.
- E. Adapters: Channel profiles used to reduce the standard 0.35" (9 mm) panel profile thickness to 0.15" (4 mm) or 0.10" (2.5 mm).
- F. Fixation Profile: This can be fixed onto the sides of the Exterior post, offering endless possibilities for creating multiple-sided exterior sign post and panels and multi-directional flag signs.
- G. Cover Profile: The cover profile is used with the fixation profile and the Exterior posts to provide a smooth finishing cover where there are no panel profiles.

- H. Fixation Profile Cap: Synthetic top and bottom end cap for the fixation profile.
- I. Double End Cap: Aluminum double end cap that covers entire top of totem structure. Double end caps are used in combination with the three Totem Elliptical bases (300, 480, 600 mm) and the two Pylon Elliptical Bases (600, 900 mm).
- J. Elliptical Base: Steel bases with a galvanized metal protection coating. These bases work with the three standard Totem widths (300, 480, 600 mm) and the two standard Pylon widths (600, 900 mm).
- K. Single Bases: Steel bases with a galvanized metal protection coating. Single bases provide the option of custom width post and panels, totems, and pylons.
- L. Panel Profiles: These give you the possibility to create post and panel signage, with an insert material thickness up to 0.35" (9 mm). Normal appliqué lettering applications can also be used directly on the box profiles. When used with the Totem Multi-Functional and Pylon, the panel profile is a structural element secured to the posts that will be hidden by the insert material or profiles.
- M. 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.
- N. 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.
- O. Variable Insert Profiles: The variable insert profiles offer the possibility to create any size insert panels up to 11.5' (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.
- P. JazZ Soft Clips: The TLCLJ is a patented clip used in combination with single synthetic end caps and the TLJAZ2 side track.
- Q. Frame Key: Removes profiles from the clips in the Totem posts.

2.4 SIGN INSERTS

- A. Approved Materials:
 - 1. Applied Material (to create tactile copy/graphics): Matte finish with a minimum thickness of 1/16" (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'S 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. With Single Bases and screws
- B. With Elliptical Base and screws
- C. In foundation with cement. See instruction manual for complete details.

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