

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

ClearPath reserves the right to modify these specifications at any time. ClearPath 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. The use of this specification template will in no way expand the limited warranties offered by ClearPath on its products.

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. DeSign Soft Clip: Used in combination with slim 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 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 products below not relevant to this project.

B. Products:

1. Hi-Tech Wall Mounted Frames
2. Hi-Tech Flag Mounted Frames
3. Hi-Tech Suspended Frames
4. Hi-Tech Directory Frames
5. Hi-Tech Post Mounted Frames

2.2 SIGNAGE

A. Hi-Tech Horizontal Wall Mounted Frame

1. Height: [2.44" (62 mm)] [3.66" (93 mm)] [4.88" (124 mm)] [6.10" (155 mm)] [7.32" (186 mm)] [8.54" (217 mm)] [9.76" (248 mm)] [11.69" (297 mm)]
2. Width: [_____] *Note: Profiles come in widths up to 11.5' (3500 mm).*
3. Edge Profile: [Square] [Round] [Ellipse] [Face – no insert]
4. Aluminum Frame Finish: Silver Anodized
5. Synthetic End Cap Colors: [Black] [Grey]
6. Mounting Options: [Wall] [Door] [Soffit] [Cubicle Mounted]
7. Lens Options: [1/32" Clear Non-Glare] [1/16" Clear Non-Glare] [No Lens]

B. Hi-Tech Vertical Wall Mounted Frame

1. Width: [2.44" (62 mm)] [3.66" (93 mm)] [4.88" (124 mm)] [6.10" (155 mm)] [7.32" (186 mm)] [8.54" (217 mm)] [9.76" (248 mm)] [11.69" (297 mm)]
2. Height: [_____] *Note: Profiles come in heights up to 11.5' (3500 mm).*
3. Edge Profile: [Square] [Round] [Ellipse] [Face – no insert]
4. Aluminum Frame Finish: Silver Anodized
5. Synthetic End Cap Colors: [Black] [Grey]
6. Mounting Options: [Wall] [Door] [Soffit] [Cubicle Mounted]
7. Lens Options: [1/32" Clear Non-Glare] [1/16" Clear Non-Glare] [No Lens]

C. Hi-Tech Horizontal Flag Mounted Frame

1. Height: [3.66" (93 mm)] [4.88" (124 mm)] [6.10" (155 mm)] [7.32" (186 mm)] [8.54" (217 mm)] [9.76" (248 mm)] [11.69" (297 mm)]
2. Width: [_____] **Note: Profiles widths may only be two times the profile height.**
3. Levels: [one] [two] [three] [four] [_____]]
4. Edge Profile: [Square] [Round] [Ellipse] [Face – no insert]
5. Aluminum Frame Finish: Silver Anodized
6. Aluminum End Cap Colors: [Black] [Silver]
7. Mounting Options: Wall
8. Lens Options: [1/32" Clear Non-Glare] [1/16" Clear Non-Glare] [No Lens]
9. Lens Options: [1/32" Clear Non-Glare] [1/16" Clear Non-Glare] [No Lens]

D. Hi-Tech Horizontal Suspended Frame

1. Height: [3.66" (93 mm)] [4.88" (124 mm)] [6.10" (155 mm)] [7.32" (186 mm)] [8.54" (217 mm)] [9.76" (248 mm)] [11.69" (297 mm)]
2. Width: [_____] **Note: Profiles come in widths up to 11.5' (3500 mm).**
3. Levels: [one] [two] [three] [four] [_____]]
4. Edge Profile: [Square] [Round] [Ellipse] [Face – no insert]
5. Aluminum Frame Finish: Silver Anodized
6. Aluminum End Cap Colors: [Black] [Silver]
7. Mounting Options: Ceiling
8. Lens Options: [1/32" Clear Non-Glare] [1/16" Clear Non-Glare] [No Lens]

E. Hi-Tech Horizontal Slim Side Directory

1. Stackable Profiles: [2.44" (62 mm)] [3.66" (93 mm)] [4.88" (124 mm)] [6.10" (155 mm)] [7.32" (186 mm)] [8.54" (217 mm)] [9.76" (248 mm)] [11.69" (297 mm)]
Total Height: [_____]]
2. Width: [_____] **Note: Profiles come in widths up to 11.5' (3500 mm).**

3. Levels: [_____]
4. Edge Profile: [Square] [Round] [Ellipse] [Face – no insert]
5. Aluminum Frame Finish: Silver Anodized
6. Mounting Options: Wall
7. Lens Options: [1/32" Clear Non-Glare] [1/16" Clear Non-Glare] [No Lens]

F. Hi-Tech Stacked Directory

1. Width: [2.44" (62 mm)] [3.66" (93 mm)] [4.88" (124 mm)] [6.10" (155 mm)] [7.32" (186 mm)] [8.54" (217 mm)] [9.76" (248 mm)] [11.69" (297 mm)]
2. Height: [_____] *Note: Profiles come in heights up to 11.5' (3500 mm).*
3. Levels: [_____]
4. Edge Profile: [Square] [Round] [Ellipse] [Face – no insert]
5. Aluminum Frame Finish: Silver Anodized
6. Mounting Options: [Wall]
7. Lens Options: [1/32" Clear Non-Glare] [1/16" Clear Non-Glare] [No Lens]

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: Hi-Tech's unique, one-piece convex profiles can be used alone as face profiles, and used for direct engraving, Braille, or vinyl applications. They can also accept insert materials up to 1/16" (1.75 mm) if a square, round, or ellipse edge profile is slid onto each end.

B. Insert Sliding Profiles: The 15.5 mm (0.61") sliding profiles come in three different edge treatments: square, round and ellipse to add 1.22" to each face profile.

Also available are two 40 mm (1.57") sliding profiles: round and ellipse. These profiles can be used with TLHT217-S to create an A3 sign - 297 mm (11.69").

C. Directory Slim Side Tracks: TLHTSF-S is a slim side frame profile for directory signs that allows Hi-Tech to work with the DeSign family line. The flat DeSign profiles can be mixed with the convex Hi-Tech profiles using the Hi-Tech slim side tracks.

- D. Cover Profile: TLHTC profiles are slid across the top and bottom of double-sided face signs to provide a finishing edge and add extra stability.
- E. TLOPV is a versatile cover profile used within several different ClearPath product lines. The cover profile is used in Hi-Tech with the TLHTP26-S to cover any open part of that post.
- F. Fixation Profile: The fixation profile is a hidden, anti-vandalism profile. Mount the TLHTFIX to the wall, slide the sign into the grooves of the fixation piece, then add the end caps to each side for a secure installation.
- G. Small Connector for Double-Sided Signage: Small convex profiles (93 mm or less) use the TLHTFC25 connector to join the front and back of the flag or suspended sign together.
- H. Large Connector for Double-Sided Signage: The larger convex face profiles use the TLHTP26 to connect both sides of the flag or suspended sign together.
- I. Double-Sided Connectors for Multi-Level Double-Sided Signs: TLHTCON is a double-sided connector that secures the face convex profiles together in the middle to create a multiple-tiered suspended or flag-mounted sign.

Double-sided insert profile connectors are also available in all three edge treatments (square, round or ellipse).
- J. Connectors for Flag Post Signs: The TLHTCPWI is a connector for face convex profiles, that allows a flag sign to be connected to the Exterior line post (TLPR60).
- K. End Caps: ABS end caps cover the ends of wall signs.
- L. Double-Sided Aluminum End Caps: The end caps used for Hi-Tech suspended or flag signage are made from anodized aluminum (2 mm thickness). They are available for convex face profiles (93 mm – 217 mm), square insert profiles (93 mm – 248 mm lengths), and round or ellipse insert profiles (93 mm – 297 mm lengths). Available colors: black and silver.
- M. Flag Wall Base: This system allows flag signage to be mounted to the wall through holes that will be hidden when the sign is fully assembled. Each flag comes with a post (TLHTFC25-S for 93 mm signs or TLHTP26-S for larger signs) that is attached to the base in the middle. After the base (4 mm thickness) is mounted to the wall through the two larger holes, the pieces of the flag are slid onto the post creating a streamlined look with a built-in anti-vandalism feature.
- N. Suspension System: The connecting parts of the suspension system TLOPH are made from aluminum to ensure safety in case of a fire. They are also designed for easy maintenance or replacement if necessary. The steel wire is 1.5 mm (0.06”) thick and is able to support up to 160 kg / 350 pounds (subject to correct installation).
- O. DeSign Soft Clips: TLCLI is used in combination with TLEKC and TLEKR side tracks, intermediate profiles, and support profiles.

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'S 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. 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 Anodized Finish: 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