

SECTION 10440
INTERIOR SIGNAGE

For best results, display hidden notes to specifier.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Interior signage of the following types:
 - 1. ADA compliant interior signage.
 - 2. Interior signage plaque modules.
 - 3. Interior signage overhead modules.
 - 4. Interior signage secondary directories.

1.2 RELATED SECTIONS

- A. Section 10410 - Directories.
- B. Section 10420 - Plaques.

1.3 REFERENCES

- A. ICC/ANSI A117.1 - Accessible and Useable Buildings and Facilities; 1998.
- B. USATBCB - Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG).

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Manufacturer's descriptive literature.
 - 2. Installation methods.
- C. Shop Drawings: List sign styles, lettering, locations and dimensions of each interior sign.
- D. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- E. Verification Samples: Two full size samples, representing type, style and colors including method of attachment.

1.5 QUALITY ASSURANCE

- A. Regulatory Requirements: Comply with requirements of ICC/ANSI A117.1 and ADAAG.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

1.7 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results.
- B. Do not install products under environmental conditions outside manufacturer's absolute limits.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Innerface Architectural Signage, Inc.; 5849 Peachtree Road, Atlanta, GA 30341. ASD. Tel: Phone: (770) 921-5566, Toll Free: (800) 445-4796. Fax: (770) 279-1327. Email: Sales@innerfacesign.com.
- B. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 INTERIOR SIGNS

- A. Standard Products: The following interior sign systems shall be provided in locations indicated.
- B. Signature Series.
 - 1. Plaque Modules: Flush modular frames with flush modular inserts.
 - a. Module:
 - 1) Style/Overall Size:
 - (a) Module 1.0; 2.25 by 4.5 inches (57 by 114 mm).
 - (b) Module 2.0; 4.5 by 4.5 inches (114 by 114 mm).
 - (c) Module 2.1 and 2.11; 4.5 by 4.5 inches (114 by 114 mm).
 - (d) Module 2.2 and 2.22; 4.5 by 4.5 inches (114 by 114 mm).
 - (e) Module 2.6; 4.5 by 4.5 inches (114 by 114 mm).
 - (f) Module 3.0; 2.25 by 7 inches (57 by 177 mm).
 - (g) Module 3.5; 2.25 by 7 inches (57 by 177 mm).
 - (h) Module 3.7; 2.25 by 7 inches (57 by 177 mm).
 - (i) Module 4.0; 7 by 7 inches (177 by 177 mm).
 - (j) Module 4.1 and 4.11; 7 by 7 inches (177 by 177 mm).
 - (k) Module 4.2 and 4.22; 7 by 7 inches (177 by 177 mm).
 - (l) Module 4.1E; 7 by 7 inches (177 by 177 mm).
 - (m) Module 4.2E; 7 by 7 inches (177 by 177 mm).
 - (n) Module 4.3 and 4.33; 7 by 7 inches (177 by 177 mm).
 - (o) Module 4.4 and 4.44; 7 by 7 inches (177 by 177 mm).
 - (p) Module 4.55; 7 by 7 inches (177 by 177 mm).

- (q) Module 4.5; 7 by 7 inches (177 by 177 mm).
 - (r) Module 4.6; 7 by 7 inches (177 by 177 mm).
 - (s) Module 4.7; 7 by 7 inches (177 by 177 mm).
 - (t) Module 4.8 and 4.88; 11.75 by 7 inches (298 by 177 mm).
 - (u) Module 4.99; 11.75 by 7 inches (298 by 177 mm).
 - (v) Module 5.0; 2.25 by 8.75 inches (57 by 222 mm).
 - (w) Module 5.3; 2.25 by 8.75 inches (57 by 222 mm).
 - (x) Module 5.5; 4.5 by 8.75 inches (57 by 222 mm).
 - (y) Module 5.5PW; 8.75 by 4.5 inches (222 by 57 mm).
 - (z) Module 5.6; 4.5 by 8.75 inches (57 by 222 mm).
 - (aa) Module 5.7; 4.5 by 8.75 inches (57 by 222 mm).
 - (bb) Module 6.0; 8.75 by 8.75 inches (222 by 222 mm).
 - (cc) Module 6.0; 8.75 by 8.75 inches (222 by 222 mm).
 - (dd) Module 6.1 and 6.11; 8.75 by 8.75 inches (222 by 222 mm).
 - (ee) Module 6.2 and 6.22; 8.75 by 8.75 inches (222 by 222 mm).
 - (ff) Module 6.3 and 6.33; 8.75 by 8.75 inches (222 by 222 mm).
 - (gg) Module 6.4 and 6.44; 8.75 by 8.75 inches (222 by 222 mm).
 - (hh) Module 6.5; 8.75 by 8.75 inches (222 by 222 mm).
 - (ii) Module 7.0; 7 by 11.75 inches (179 by 298 mm).
 - (jj) Module 7.1; 7 by 11.75 inches (179 by 298 mm).
 - (kk) Module 7.5; 7 by 11.75 inches (179 by 298 mm).
 - (ll) Module 7.24; 7 by 24 inches (179 by 610 mm).
 - (mm) Module 8.0; 11.75 by 11.75 inches (298 by 298 mm).
 - (nn) Module 8.11; 11.56 by 9.125 inches (294 by 232 mm).
 - (oo) Module 8.12; 17 by 9.56 inches (432 by 246 mm).
 - (pp) Module 8.14; 17 by 9.56 inches (432 by 246 mm).
 - (qq) Module 8.5; 11.75 by 11.75 inches (298 by 298 mm).
 - (rr) Module 8.86; 11.75 by 18 inches (298 by 557 mm).
 - (ss) Module 8.99; 12 by 12 inches (305 by 305 mm).
 - (tt) Module 9.0; 16 by 16 inches (406 by 406 mm).
 - (uu) Module 9.1; 18 by 18 inches (457 by 457 mm).
- 2) Letter Color
 - (a) White
 - (b) Custom as selected.
 - 3) Sign Color
 - (a) #7 Blue
 - (b) #13 Custom color as selected.
 - 4) Corners
 - (a) Square
 - 5) Mounting
 - (a) Flat Surface Mount
 - (1) Smooth Surface
 - (2) Textured Surface
 - (3) Glass Mount
 - (b) Desk Top Mount
 - (1) T Bracket
 - (2) Angles Stand
 - (c) Perpendicular Mount
 - (1) Double View Mount
 - (d) Ceiling Mount
 - (1) Single View Mount
 - (2) Double View Mount

- (e) Partition Mount
 - (f) Stanchion Mount
 - (1) Single View Mount
 - (2) Double View Mount
 - 6) ADA Options
 - (a) Innerdot with Modular Insert
- 2. Secondary Directory Modules: Flush modular frames with flush modular inserts.
 - a. Module:
 - 1) Style/Overall Size:
 - (a) Module 10.0; 11.75 by 11.75 inches (298 by 298 mm).
 - (b) Module 11.0; 18.31 by 11.75 inches (465 by 298 mm).
 - (c) Module 12.0; 25.13 by 11.75 inches (638 by 298 mm).
 - (d) Module 10.1; 11.75 by 18 inches (298 by 457 mm).
 - (e) Module 11.1; 18.31 by 18 inches (465 by 457 mm).
 - (f) Module 12.1; 25.12 by 18 inches (638 by 457 mm).
 - (g) Module 13.0; 31.44 by 11.75 inches (798 by 298 mm).
 - (h) Module 13.1; 31.69 by 18 inches (805 by 457 mm).
 - (i) Module 14.0; 18 by 18 inches (457 by 457 mm).
 - (j) Module 14.1; 18 by 24 inches (457 by 610 mm).
 - (k) Module 15.0; 28 by 18 inches (711 by 457 mm).
 - (l) Module 15.1; 28 by 24 inches (711 by 610 mm).
 - (m) Module 16.0; 38 by 18 inches (965 by 457 mm).
 - (n) Module 16.1; 38 by 24 inches (965 by 610 mm).
 - 2) Letter Color
 - (a) White
 - (b) Custom as selected.
 - 3) Sign Color
 - (a) #7 Blue
 - (b) #13 Custom color as selected.
 - 4) Corners
 - (a) Square
 - 5) Mounting
 - (a) Flat Surface Mount
 - (b) Stanchion Mount
- 3. Special Modules: Flush modular frames with flush modular inserts.
 - a. Module:
 - 1) Style/Overall Size:
 - (a) Module 25.0; File Holder without sign band. 11.75W by 8FH by 10BH by 2D inches (298 by 203 by 254 by 51 mm).
 - (b) Module 25.1; File Holder with sign band. 11.75W by 8FH by 10BH by 2D inches (298 by 203 by 254 by 51 mm).
 - (c) Module 26.0; Paper grip. 5.5 by 1.75 inches (140 by 44 mm).
 - (d) Module 28.0; Letter guide. 18 by 24 inches (457 by 610 mm).
 - (e) Module 29.0; Fire Evacuation Plan. 14.0 by 11.5 inches (356 by 292 mm).
 - 2) Letter Color
 - (a) White
 - (b) Custom as selected.
 - 3) Sign Color
 - (a) #7 Blue
 - (b) #13 Custom color as selected.

- 4) Corners
 - (a) Square
- 5) Mounting
 - (a) Flat Surface Mount
- 4. Overhead Directory Modules: Flush modular frames with flush modular inserts.
 - a. Module:
 - 1) Style/Overall Size:
 - (a) Module CM 30.2R, 30.3R, 30.5R; 11.5 by 22.5 inches (292 by 572 mm).
 - (b) Module WM 40.2R; 11.5 by 22.5 inches (292 by 572 mm).
 - (c) Module CM 30.2S, 30.3S, 30.5S; 11.5 by 22.5 inches (292 by 572 mm).
 - (d) Module WM 40.2S; 11.5 by 22.5 inches (292 by 572 mm).
 - (e) Module CM 31.2R, 31.3R, 31.5R; 11.5 by 46.5 inches (292 by 1181 mm).
 - (f) Module WM 41.2R; 11.5 by 46.5 inches (292 by 1181 mm).
 - (g) Module CM 31.2S, 31.3S, 31.5S; 11.5 by 46.5 inches (292 by 1181 mm).
 - (h) Module WM 41.2S; 11.5 by 46.5 inches (292 by 1181 mm).
 - (i) Module CM 32.2R, 32.3R, 32.5R; 11.5 by 93 inches (292 by 2362 mm).
 - (j) Module WM 42.2R; 11.5 by 93 inches (292 by 2362 mm).
 - (k) Module CM 32.2S, 32.3S, 32.5S; 11.5 by 93 inches (292 by 2362 mm).
 - (l) Module WM 42.2S; 11.5 by 93 inches (292 by 2362 mm).
 - 2) Letter Color
 - (a) White
 - (b) Custom as selected.
 - 3) Sign Color
 - (a) #7 Blue
 - (b) #13 Custom color as selected.
 - 4) Corners
 - (a) S-Square
 - 5) Mounting
 - (a) Flat Surface Mount
 - (b) Ceiling Mount
 - (1) Single View Mount
 - (2) Double View Mount

C. Construction General:

- 1. Plaques and Secondary Directories: Routed 1/8 inch (3 mm) thick styrene backplate with a laser cut 1/16 inch (1.6 mm) thick non-glare acrylic polished edge faceplate. Faceplate is reverse screened using Nazdar 9700 Series screen print ink. Backplate is assembled to the faceplate with 3M VHB double sided foam tape .05 inch (1.3 mm) thick in various widths.
- 2. Wall Mounts, Doorbands and Door Tags Reverse painted 1/16 inch (1.6 mm) thick non-glare laser cut acrylic with polished edge. Painted with Matthews acrylic polyurethane paints. Laminated on the reverse side with 1 mil clear polyester over laminating film with adhesive. Surface applied high performance vinyl copy.
- 3. Ceiling Mounted Directional Units:
 - a. 3/8 inch (10 mm) thick unit: 1/4 inch (6 mm) thick black gloss acrylic laminated on both sides with 1/32 inch (.08 mm) vertical grade laminate using 3M water-

- base adhesive. Mounting hardware includes a dark bronze aluminum and a galvanized steel u-channel, galvanized decking screws, post binding screws, and threaded 1/4 inch (6 mm)-20 x 4 inch (102 mm) long round head zinc plated steel screws. Surface applied high performance vinyl copy.
- b. 1-3/4 inch (102 mm) thick unit: Hand routed 1-1/2 inch (12.5 mm) thick fiber core, laminated with 1/32 inch (.08 mm) thick vertical grade laminate using 3M water-base contact adhesive. Mounting hardware includes a dark bronze aluminum and a galvanized steel u-channel, galvanized decking screws, post binding screws, and threaded 1/4 inch (6 mm)-20 x 4 inch (102 mm) round head zinc plated steel screws. Surface applied high performance vinyl copy.
 - c. 3 inch (76 mm) thick unit: Hand fabricated box made of 1/8 inch (3 mm) thick and 3/4 inch thick Luan with 3 inch (76 mm) radius solid wood corners using 0420 yellow wood glue and staples. Laminated with 1/32 inch (.08 mm) thick vertical grade laminate using 3M water-base contact adhesive. Mounting hardware includes a dark bronze aluminum and a galvanized steel u-channel, galvanized decking screws, post binding screws, and threaded 1/4 inch (6 mm)-20 x 4 inch (102 mm) long round head zinc plated steel screws. Surface applied high performance vinyl copy.
4. Mounts:
- a. Standard Perpendicular Mount Frames: CNC routed 1/8 inch (3 mm) thick styrene backplate with a laser cut 1/16 inch (1.6 mm) non-glare acrylic polished edge faceplate. Faceplate is reverse screened using Nazdar 9700 Series screen print ink. Backplate is assembled to faceplate with 3M VHB double sided tape of approximately .05 inch (1.3 mm) thickness in various widths. Mounting includes T-shaped aluminum extrusion painted black and R-Tite rivets or post binding screws.
 - b. Standard Ceiling Mount Frames: CNC routed 1/4 inch (102 mm) thick black gloss acrylic backplate with a laser cut 1/16 inch (1.6 mm) thick non-glare acrylic polished edge faceplate. Faceplate is reverse screened using Nazdar 9700 Series screen print ink. Backplate is assembled to faceplate with 3M VHB double sided foam tape of approximately .05 inch (1.3 mm) thickness in various widths. Mounting hardware includes a dark bronze aluminum and a galvanized steel u-channel, galvanized decking screws, post binding screws, and threaded 1/4 inch (6 mm)-20 x 4 inch (102 mm) round head zinc plated steel screws.
 - c. Standard Desk Top Mount Frames: CNC routed 1/4 inch thick (6 mm) gloss black acrylic backplate with a laser cut 1/16 inch (1.6 mm) thick non-glare acrylic polished edge faceplate. Faceplate is reverse screened using Nazdar 9700 Series screen print ink and is assembled to the acrylic backplate with 3M VHB double sided foam tape of approximately .05 inch (1.3 mm) thickness in various widths. Frame assembly is attached at the backplate to 4 inch (102 mm) thick gloss black acrylic angled baseplate with IPS weld-on #4 adhesive. Four 3/8 inch (10 mm) diameter felt pads are affixed to the underside of the baseplate.
5. Vinyl Inserts
- a. Vinyl Inserts: Calendered matte/matte .010 mil thick vinyl diecut with a punched keyhole for removal. Lettered with high performance vinyl.
6. Innerdot: 1/16 inch (1.6 mm) diameter clear acrylic raster placed in holes drilled to 1/32 inch (.08 mm) deep in faceplate. Raised characters are 1/32 inch (.08 mm) styrene or 1/32 inch (.08 mm) thick. Sign Products molded plastic letters painted with Matthews polyurethane acrylic paints depending on color. Characters adhered to faceplate with IPS Weld-On #4.
- D. Standard Mounting Systems:

1. Partition Clips u-shaped 1/8 inch (3 mm) thick clear acrylic cut and shaped to customers' specifications.
2. Magnetic Tape 1/2 inch (12.5 mm) or 3/4 inch (102 mm) thick black magnetic tape with adhesive backing cut to size.
3. Double Sided Foam Tape 1 inch (25 mm) wide black or white 3M double-sided foam tape.
4. Angle Stands 1/8 inch (3 mm) thick gloss black acrylic bent to a 65-degree angle. Base has four 3/8 inch (10 mm) diameter felt pads on the bottom.
5. Vandal Resistant Tape 3M white VHB double sided foam tape
6. Backplate Screws Routed 1/8 inch (3 mm) thick black styrene backplate with a counter sunk screw holes. Supplied with dry wall screws and anchors
7. Backplate Glass CNC routed 1/8 inch (3 mm) thick gloss black acrylic with 3M, 1 inch (25 mm) wide black double sided foam tape.
8. Stanchions: Telescoping sign holder with a 15 pound (6.8 kg) weighted base.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until surfaces to receive signs have been finished and finishes are dry and correctly cured.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Locate signs in accordance with approved shop drawings and ADA requirements.

3.4 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

3.5 SCHEDULE

END OF SECTION