

SECTION 10 14 00**SIGNAGE**

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1.1 SECTION INCLUDES

- A. Signage of the following types:
 - 1. ADA regulatory signage
 - 2. Room Identification signage
 - 3. Fire Egress & Storm Shelter signage
 - 4. Wayfinding
 - 5. Modular Sign system
 - 6. Paper insert Display system
 - 7. Monolith bespoke sign system
 - 8. Fingerpost system
 - 9. Free-standing Poster Display
 - 10. Frameless display cases (illumination option)

1.2 REFERENCES

- A. Americans with Disabilities Act (ADA)
 - 1. ATBCB ADAAG – Americans with Disabilities Act Accessibility Guidelines
- B. American National Standards Institute (ANSI)
 - 1. ANSI A117.1 – Accessible and Usable Buildings and Facilities
- C. Underwriters Laboratory (UL)
 - 1. UL94 – Tests for flammability of Plastic Materials
 - 2. UL723 – Surface Burning characteristics of Interior finish materials and systems

1.3 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.
- B. Product Data: Manufacturer's illustrated product literature and specifications to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Shop Drawings: Submit detailed drawings of products and assemblies.
- 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: For each finish product specified, two samples, minimum size 6 inches (150 mm) square representing actual product, color, and patterns.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: All sign fabrication within this section to be performed by a manufacturer with a minimum experience of producing 10,000 compliant signs as specified in the Americans with Disabilities Act Accessibility Guidelines (ADAAG).
- B. Sourcing: All signage shall be manufactured by one manufacturer
- C. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
 - 1. Finish areas designated by Architect.
 - 2. Do not proceed on remaining work until workmanship is approved by Architect.
 - 3. Rework mock-up area as required to produce acceptable work.
- D. ADA Accessibility Guidelines: Signage shall comply with the ADA Accessibility Guidelines where applicable. Characters and graphics, including but not limited to, copy height, letter stroke, symbols, materials, and finishes indicated on the Drawings are intended as guidelines for compliance. Implement each applicable ADA Guideline. Should conflicts arise, notify the Architect before proceeding.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store products, away from direct sunlight, in manufacturer's unopened packaging until surfaces are ready for installation.
- B. Inspect materials at delivery to verify.

1.6 PROJECT CONDITIONS

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

1.7 SEQUENCING

- A. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.

1.8 WARRANTY

- A. Manufacturer's Warranty: Signage is guaranteed for the Life of the Property against defects in materials and workmanship.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Thermoformed Signage - Acceptable Manufacturer:
Encompass Sign Systems
2401 Nevada Ln N;
Golden Valley, MN 55427;
Toll Free Tel: 855-672-2201; Tel: 763-253-4353; Fax: 763-225-8721;
Email: [request info \(sales@EncompassSign.com\)](mailto:request info (sales@EncompassSign.com)); Web: www.EncompassSign.com

- B. Substitutions: Applied applique, bead braille and embossed braille are not acceptable.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

2.2 THERMOFORM ACRYLIC SIGNS

- A. Custom monolithic thermally formed and bonded tactile plaque constructed utilizing high-pressure-thermoforming process at 4,000 p.s.i and 350 degrees F (176 degrees C) to achieve good rigidity, exceptional tensile strength, a resistance to chemicals and incorporate UV inhibitors to reduce fading of colors. The sign body, face, raised text and braille are compression molded to form a single dimensional component.
- B. THERMOFORM SIGN TYPES by Encompass Sign Systems
To be determined by Project Architect/Designer and defined on the drawings

C. THERMOFORM DESIGN FUNCTIONALITIES

- 1. **Substrate Thickness:** To be determined by Project Architect/Designer
 - a. 1/32"
 - b. 1/16"
 - c. 1/8"
 - d. 1/4"
 - e. 3/8"
 - f. other
- 2. **Surface Texturing:** To be determined by Project Architect/Designer
 - a. Smooth
 - b. Stipple
 - c. Slate
- 3. **Edging:** To be determined by Project Architect/Designer
 - a. Laser
 - b. Museum Polish
 - c. Router
 - d. Bevel
 - e. Bull Nose
 - f. Chamfered
- 4. **Text** To be determined by Project Architect/Designer
 - a. Tipped
 - b. Silk Screen
 - c. Integral Color
 - d. Integral Metallic
 - e. Hot Stamped

- 5. Shaping** To be determined by Project Architect/Designer
- a. Square
 - b. 1/8" Round
 - c. 1/4" Round
 - d. Other
- 6. Mounting:** To be determined by Project Architect/Designer
- a. Foam Tape / VHB
 - b. Velcro Mount
 - c. Magnetic Mount
 - d. Mechanical Mount
 - e. Glass Backplate
- 7. Sign Size** To be determined by Project Architect/Design
- 8. Color Integration:** PMS / Pantone To be determined by Project Architect/Designer

D. TACTILE AND BRAILLE

1. Manufacturer's standard process for producing copy complying with ADA Accessibility Guidelines ICC/ANSI A117.1. Text shall be accompanied by Grade 2 Braille. Produce precisely formed characters free from burrs and cut marks.
 - a. Panel Material: Thermoform acrylic sheet
 - b. Raised-Copy Thickness: Not less than 1/32 inch (0.8 mm).
 - c. For Grade 2 Braille copy, coordinate messages in conjunction with Graphic and Sign Schedule. Braille copy contained on drawings is for size and position only and shall not be used for full message.
 - d. Pictograms and other ADA required symbols are maintained by the Manufacturer in accordance with current International standards.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
- C. Complete all finishing operations, including paint curing, before beginning installation of signage systems

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Verify mounting heights and comply with referenced standards

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions and in proper relationship to adjacent construction.
- B. Locate the signage system as indicated on drawings for the appropriate substrate and in accordance with manufacturer's installation instructions and in proper relationship to adjacent construction.
- C. Install signs level, plumb and at heights indicated, with sign surfaces free from distortion. Install signs in accordance with ADA guidelines on placement. Where otherwise not dimensioned, install signs where best suited to provide a consistent appearance throughout the Project. When exact position, angle, height or location is in doubt, contact the Architect for clarification.
- D. At completion of installation, clean exposed sign surfaces and adjoining surfaces.

3.4 PROTECTION

- A. Protect installed products until completion of project.
- B. Signs shall be free of glue, fingerprints, dirt, grease and any other imperfections
- C. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION