

SECTION 10440 INTERIOR SIGNAGE

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specifications, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following:
 - 1. Panel Signs
- B. Related Sections include the following:
 - 1. Division 1 Section “Temporary Facilities and Controls” for temporary project identification signs.
 - 2. Division 15 Section “Mechanical Identification” for labels, tags, and nameplates for mechanical equipment.
 - 3. Division 16 Section “Electrical Identification” for labels, tags, and nameplates for electrical equipment.
 - 4. Division 16 Section “Interior Lighting” for illuminated exit signs.

1.3 SUBMITTALS

- A. Product Data: Include construction details, material descriptions and specifications, dimensions of individual components and profiles, and finishes for each type of sign.
- B. Shop Drawings: Include plans, elevations, and large-scale sections of typical members and other components. Show mounting methods, mounting heights, location, layout, spacing, and accessories. Include message list for each sign type to confirm wording.
- C. Samples for Initial Selection: For each type of sign material indicated that involves color selection.
- D. Samples for Verification: For each sign type, include full size Samples to verify color, material use, and layout.
- E. Warranty: Submit manufacturer’s standard warranty information.

1.4 QUALITY ASSURANCE

- A. Source Limitations: Obtain each sign type through one source from a single manufacturer.

1.5 REGULATORY REQUIREMENTS

- A. Comply with Americans with Disabilities Act (ADA), Americans with Disabilities Accessibility Guidelines (ADAAG), and ANSI A117.1.

PART 2 – PRODUCTS

2.1 MANUFACTURER

- A. General: Provide panel signs that comply with requirements indicated for materials, thicknesses, finishes, colors, sizes, and details of construction.
 - 1. Provide smooth panel sign surfaces constructed to remain flat under installed conditions within tolerance of plus or minus 1/16” measured diagonally.

- B. Approved manufacturer of all signage and graphic components shall be:

Syntech of Burlington, Inc.
3653 Alamance Rd.
Burlington, NC 27215
Telephone. 336.570.2035
Fax. 336.570.0429
Toll Free. 800.600.4232
Email. sales@syntechsigns.com

2.2 FABRICATION

- A. Material Construction
 - 1. Panel material to be cast acrylic sheet of a clear, matte surface finish. Acrylic sheet to be sub-surface printed with a background color as selected from manufacturer’s standards.
 - 2. Unframed panel signs to have edges mechanically finished and smooth.
 - 3. Panels to be constructed at a minimum background depth of 1/8”
 - 4. Tactile characters/symbols to be machine-cut and chemically welded to sign panel surface at a minimum height of 1/32”. Produce precisely-formed characters/symbols free from all burrs and/or cut marks.
 - 5. All tactile text shall be minimum 5/8” high and no larger than 2” per ADA/ADAAG requirements. All characters/symbols must be of contrasting color to sign panel background color – either light characters on a dark surface or dark characters on a light surface. Characters/Symbols to be of matte finish.
 - 6. Tactile text is to be accompanied by Grade II Braille rasters. Braille rasters to have .059” surface diameter and have a domed top. Flat topped Braille components are NOT acceptable. Braille translations must be accurate and are the responsibility of the manufacturer.
- B. Graphic Content and Style: Provide signs that comply with all requirements as indicated on Drawings for size, spacing, content, mounting height and locations, finishes, and colors.
 - 1. Room numbers/names shall be minimum 5/8” high [or specify height].
 - 2. Corresponding symbols shall be minimum 3” high [or specify height].
 - 3. Lettering or numbers shall be centered [or specify location] on the sign.
 - 4. Corresponding grade II Braille rasters shall be located directly below the tactile lettering or numbers.
 - 5. Corners shall be 3/8” radius [or specify corner condition].
 - 6. [Specify sign sizes].
 - 7. Mounting method shall be vinyl foam type [or specify mounting method].

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions for compliance with requirements for installation tolerances and other conditions affecting performance of work.
- B. Verify that items provided under other sections of Work are sized and located to accommodate signs.
- C. Examine supporting members to ensure that surfaces are at elevations indicated or required to comply with authorities having jurisdiction and are free from dirt and debris.
- D. Proceed with installation only after all unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. General: Locate sign units and accessories where indicated, using mounting methods of types described and in compliance with manufacturer's written instructions.
 - 1. Install signs level, plumb, and at heights indicated.
 - 2. Install signs on wall adjacent to latch side of door where applicable. Where not possible, such as double doors, install signs on nearest adjacent wall. Locate to allow approach within 3" of sign without encountering protruding objects or standing within swing of door.
- B. Mounting Method: Attach panel signs to wall surfaces using vinyl foam adhesive to mount to smooth, non-porous surfaces. Use quick drying liquid silicone adhesive in addition to vinyl foam adhesive where surfaces are vinyl covered or rough in nature.

3.3 CLEANING AND PROTECTION

- A. After installation, clean soiled sign surfaces using a non-acidic or non-abrasive solvent. Protect signs from damage until acceptance by Owner.

END OF SECTION

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