**SECTION 10.14.00**

**SIGNAGE**

**PART 1 GENERAL**

1.01 **SECTION INCLUDES**

A. Room and door signs.
B. Interior directional and informational signs.
C. Emergency evacuation maps.
D. Building identification signs.

1.02 **RELATED REQUIREMENTS**

A. Section 26.51.00 - Interior Lighting: Exit signs required by code.

1.03 **REFERENCE STANDARDS**


1.04 **SUBMITTALS**

A. See Section 01.30.00 - Administrative Requirements, for submittal procedures.
B. Product Data: Manufacturer's printed product literature for each type of sign, indicating sign styles, font, foreground and background colors, locations, overall dimensions of each sign.
C. Signage Schedule: Provide information sufficient to completely define each sign for fabrication, including room number, room name, other text to be applied, sign and letter sizes, fonts, and colors.
   1. When room numbers to appear on signs differ from those on the drawings, include the drawing room number on schedule.
   2. When content of signs is indicated to be determined later, request such information from Owner through Architect at least 2 months prior to start of fabrication; upon request, submit preliminary schedule.
   3. Submit for approval by Owner through Architect prior to fabrication.
D. Samples: Submit two samples of each type of sign, of size similar to that required for project, illustrating sign style, font, and method of attachment.
E. Selection Samples: Where colors are not specified, submit two sets of color selection charts or chips.
F. Verification Samples: Submit samples showing colors specified.
G. Manufacturer's Installation Instructions: Include installation templates and attachment devices.
H. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
   1. See Section 01.60.00 - Product Requirements, for additional provisions.
   2. Curved Sign Media Suction Cups: One for each 100 signs; for removing media.

1.05 **TENNESSEE SUSTAINABLE DESIGN GUIDELINES COMPLIANCE DOCUMENTATION**

B. Provide documentation of construction waste diverted from landfills.
1. Compliance with Credit 1.02-D-2: Construction Waste Management.

C. Submit shop drawing documentation demonstrating SDG compliance for the following:
   1. Compliance with Credit 1.02-D-3-a: Sustainable Materials - Recycled content 10%
   2. Compliance with Credit 1.02-D-3-b: Sustainable Materials - Rapidly renewables
   3. Compliance with Credit 1.02-D-3-c: Sustainable Materials - Certified wood
   4. Compliance with Credit 1.02-D-3-d: Sustainable Materials - Material reuse
   5. Compliance with Credit 1.02-E-6-b: Material VOC Limits - Adhesive and Sealants
   6. Compliance with Credit 1.02-E-6-b: Material VOC Limits - Paints
   7. Compliance with Credit 1.02-E-6-b: Material VOC Limits - Coatings and Anti-corrosive paints
   8. Compliance with Credit 1.02-E-6-c: Material VOC Limits - Flooring systems
   9. Compliance with Credit 1.02-E-6-d: Material VOC Limits - Composite wood and agrifiber

D. Submit documentation of quantity and material cost with monthly Application for Payment to the Contractor.

1.06 QUALITY ASSURANCE
   A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.

1.07 DELIVERY, STORAGE, AND HANDLING
   A. Package signs as required to prevent damage before installation.
   B. Package room and door signs in sequential order of installation, labeled by floor or building.
   C. Store tape adhesive at normal room temperature.

1.08 FIELD CONDITIONS
   A. Do not install tape adhesive when ambient temperature is lower than recommended by manufacturer.
   B. Maintain this minimum temperature during and after installation of signs.

PART 2 PRODUCTS

2.01 MANUFACTURERS
   A. Flat Signs:
   B. Dimensional Letter Signs:
   C. Other Signs:

2.02 SIGNAGE APPLICATIONS
   A. Accessibility Compliance: Signs are required to comply with ADA Standards and ICC A117.1 and applicable building codes, unless otherwise indicated; in the event of conflicting requirements, comply with the most comprehensive and specific requirements.
   B. Room and Door Signs: Provide a sign for every doorway, whether it has a door or not, not including corridors, lobbies, and similar open areas.
      1. Sign Type: Flat signs with engraved panel media as specified.
      2. Graphic Style: UT Campus standard: Gotham.
      3. Provide "tactile" signage, with letters raised minimum 1/32 inch and Grade II braille.
      4. Character Height: 1 inch.
5. Sign Height: 6 inches, unless otherwise indicated.
6. Office Doors: Identify with room numbers to be determined later, not the numbers shown on the drawings.
7. Service Rooms: Identify with room names and numbers to be determined later, not those shown on the drawings.
8. Rest Rooms: Identify with pictograms, the names "MEN" and "WOMEN", room numbers to be determined later, and braille.

C. Interior Directional and Informational Signs:
   1. Sign Type: Same as room and door signs.
   2. Allow for 20 signs 4 inches high by 16 inches long.

D. Emergency Evacuation Maps:
   1. Allow for one map per elevator lobby.
   2. Use clear plastic panel silk-screened on reverse, in brushed aluminum frame, screw-mounted.

E. Building Identification Signs:
   1. Use individual metal letters.
   2. Mount on outside wall in location shown on drawings.

2.03 SIGN TYPES
A. Flat Signs: Signage media without frame.
   1. Edges: Square.
   2. Corners: Square.
B. Color and Font: Unless otherwise indicated:
   1. Character Font: Helvetica, Arial, or other sans serif font.
   2. Character Case: Upper case only.

2.04 TACTILE SIGNAGE MEDIA
A. Engraved Panels: Laminated colored plastic; engraved through face to expose core as background color:
   1. Total Thickness: 1/16 inch.
B. Injection Molded Panels: One-piece acrylic plastic, with raised letters and braille.
   1. Total Thickness: 1/8 inch.

2.05 NON-TACTILE SIGNAGE MEDIA
A. Silk Screened Plastic Panels: Letters and graphics silk screened onto reverse side of plastic surface:
   2. Total Thickness: 1/8 inch.

2.06 DIMENSIONAL LETTERS
A. Metal Letters:
   1. Metal: Aluminum casting.
   2. Finish: Brushed, satin.

2.07 ACCESSORIES
A. Concealed Screws: Stainless steel, galvanized steel, chrome plated, or other non-corroding metal.
B. Tape Adhesive: Double sided tape, permanent adhesive.

CONSTRUCTION DOCUMENTS PACKAGE
ISSUED: 30-DEC-15
PART 3 EXECUTION

3.01 EXAMINATION
   A. Verify that substrate surfaces are ready to receive work.

3.02 INSTALLATION
   A. Install in accordance with manufacturer's instructions.
   B. Install neatly, with horizontal edges level.
   C. Locate signs where indicated:
      1. Room and Door Signs: Locate on wall at latch side of door with centerline of sign at 60 inches above finished floor.
      2. If no location is indicated obtain Owner's instructions.
   D. Protect from damage until Substantial Completion; repair or replace damage items.

3.03 SCHEDULE
   A. See attached schedule for locations, quantities, text and signage types.

3.04 SIGNAGE TYPE DRAWINGS
   A. See attached signage type drawings for design intent.

END OF SECTION