SECTION 10 14 00 - SIGNAGE

This Section includes plastic plaque door or wall signs with engraved or raised characters; signs of individual mounted plastic characters; signs of silk screened or sand blasted characters on plastic. Frames for signs are not included in this section.

Manufacturers found in SpecAgent for this Section were identified as representative and not as an endorsement for meeting the requirements of this specification.

This Section includes performance, proprietary, and descriptive type specifications. Edit to avoid conflicting requirements.

This Section includes the term Architect/Engineer. "Architect" is used in AIA contract documents; "Engineer" is used in EJCDC contract documents. Retain appropriate term.

See the Drawing Coordination Considerations for information needed to coordinate this specification Section with the Drawings.

Some of the paragraphs may be deleted. When deleting, do not renumber all the paragraphs. Simply leave the section number and title as is, delete the text, and add the words "Not Used".

PART 1 GENERAL

1.1 SUMMARY

A. Section includes interior signs.

B. Allowances: Include under provisions of Section 01 20 00 - Price and Payment Procedures: Allowances. Allowance includes [furnishing interior signs. Installation is included in this section and is part of Contract Sum/Price] [furnishing and installing interior signs].

C. Related Sections:

Division 23 - Input required from mechanical subconsultant.

1. Section 22 05 53 - Identification for Plumbing Piping and Equipment.

2. Section 23 05 53 - Identification for HVAC Piping and Equipment.

1.2 REFERENCES

List reference standards included within text of this section. Edit the following for Project conditions.

1.3 SUBMITTALS

Only request submittals needed to verify compliance with Project requirements.

A. Section 01 33 00 - Submittal Procedures: Submittal procedures.

B. Shop Drawings: Indicate sign styles, lettering font, foreground and background colors, locations, overall dimensions of each sign.

Include the following paragraph for submission of physical samples for selection of finish, color, texture, and other properties.

C. Samples: Submit two signs, <____>x<____> inch (<____>x<____> mm) in size illustrating type, style, letter font, and colors specified; method of attachment.

D. Manufacturer's Installation Instructions: Submit installation template and attachment devices.

1.4 SUSTAINABLE DESIGN SUBMITTALS

A. Section 01 81 13 - Sustainable Design Requirements: Requirements for sustainable design submittals.

B. Manufacturer's Certificate: Certify products meet or exceed specified sustainable design requirements.

Edit material certifications list to suit products specified in this section and Project sustainable design requirements. Specific certificate submittal and supporting data requirements are specified in Section 01 81 13.

1. Materials Resources Certificates:

a. Certify recycled material content for recycled content products.

b. Certify source for regional materials and distance from Project Site.

C. Product Cost Data: Submit cost of products to verify compliance with Project sustainable design requirements. Exclude cost of labor and equipment to install products.

1. Provide cost data for the following products:

Edit list of material cost data to suit products specified in this section and Project sustainable design requirements. Specific cost data requirements are specified in Section 01 81 13.

a. Products with recycled material content.

b. Regional products.

c. <_____.>

1.5 QUALITY ASSURANCE

Use this article to specify compliance with overall reference standards affecting all products and installation included in this section.

A. Perform Work in accordance with [[State] [Municipality] of <_____> [Highways] [Public Work's] standard.]

Include the following paragraph only when cost of acquiring specified standards is justified.

B. Maintain [one copy] [<_____> copies] of [each] document on site.

1.6 QUALIFICATIONS

A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum [three] <_____> years [documented] experience.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Section 01 60 00 - Product Requirements: Product storage and handling requirements.

B. Package signs, labeled in name groups.

C. [Store adhesive attachment tape at ambient room temperatures.]

1.8 ENVIRONMENTAL REQUIREMENTS

Use this article for tape adhesive application only.

A. Section 01 60 00 - Product Requirements: Environmental conditions affecting products on site.

B. Do not install signs when ambient temperature is lower than recommended by Manufacturer.

C. Maintain this minimum temperature during and after installation of signs.

PART 2 PRODUCTS

2.1 INTERIOR SIGNS

In this article, list manufacturers acceptable for this Project.

A. Manufacturers:

1. <Click link above to find, evaluate, and insert list of manufacturers from SpecAgent>.

2. Substitutions: [Section 01 60 00 - Product Requirements] [Not Permitted].

Edit the following descriptive specifications to identify Project requirements and to eliminate conflicts with Manufacturers (products) specified above.

B. Product Description: <_____>.

2.2 SUSTAINABILITY CHARACTERISTICS

Edit sustainable design requirements to suit content of this section and Project sustainable design requirements specified in Section 01 81 13.

A. Section 01 81 13 - Sustainable Design Requirements: Requirements for sustainable design compliance.

B. Materials and Resources Characteristics:

1. Recycled Content Materials: Furnish materials with maximum available recycled content [including:] [.]

List materials specified in this section required to have recycled content.

a. <_____.>

2. Regional Materials: Furnish materials extracted, processed, and manufactured within 500 miles (800 km) of Project Site [**including:**] [**.**]

List materials specified in this section required to be regional materials.

a. <_____.>

2.3 COMPONENTS

A. Engraved Signs: Laminated colored plastic; lettering engraved through face to expose core color:

1. Face Color: [**Clear.**] [**wood grain, [walnut] <_____>.**] <_____.> [**Color as selected.**]

2. Core Color: <_____>.

3. Total Thickness: [1/16] [1/8] inch ([1.6] [3] mm).

4. Height: [2] [3] <_____> inches ([50] [75] <_____> mm).

5. Edges: [**Square.**] [**Beveled.**] [**Radiused.**]

6. Character Font: [**Helvetica.**] <_____.>

B. Sand Blasted Signs: Acrylic high gloss plastic; letters sand blasted to dull sheen:

1. Color: [**Clear.**] [**Solid color.**] [**Color as selected.**]

2. Total Thickness: [1/8] <_____> inch ([3] <_____> mm).

3. Height: [2] [3] <_____> inches ([50] [75] <_____> mm).

4. Edges: [**Square.**] [**Beveled.**] [**Radiused.**]

5. Character Font: [**Helvetica.**] <_____.>

C. Silk Screened Signs: Letters <_____> inch (<_____> mm) high silk screened onto plastic surface:

1. Sign Color: [**Clear.**] [**Solid color.**] [**Color as selected.**]

2. Character Color: [**Contrasting**] <_____> color.

3. Total Thickness: [1/8] <_____> inch ([3] <_____> mm).

4. Height: [2] [3] <_____> inches ([50] [75] <_____> mm).

5. Edges: [**Square.**] [**Beveled.**] [**Radiused.**]

6. Character Font: [**Helvetica.**] <_____.>

D. Injection Molded [**Cast**] Signs: [**Acrylic plastic**] [**Cast aluminum**]:

1. Sign Color: [**Clear.**] [**Solid color.**] [**Color as selected.**]
2. Character Color: [**Contrasting color.**] [**Ground satin surface.**] <_____.>
3. Total Thickness: [1/8] <_____> inch ([3] <_____> mm).
4. Height: [2] [3] <_____> inches ([50] [75] <_____> mm).
5. Edges: [**Square.**] [**Beveled.**] [**Radiused.**]
6. Character Font: [**Helvetica.**] <_____.>

E. Raised Letter Signs, Base Material: [**Clear**] [**Solid color**] acrylic plastic:

1. Total Thickness: [1/8] <_____> inch ([3] <_____> mm).
2. Height: [2] [3] <_____> inches ([50] [75] <_____> mm).
3. Edges: [**Square.**] [**Beveled.**] [**Radiused.**]
4. Character Font: [**Helvetica.**] <_____.>

F. Raised Character Size and Style: Acrylic plastic, character adhered to base material:

1. Character Color: [**Black.**] <_____.>
2. Character Thickness: [1/8] <_____> inch ([3] <_____> mm).
3. Height: [1] [1-1/2] <_____> inch ([25] [37] <_____> mm).
4. Edges: [**Square.**] [**Beveled.**] [**Radiused.**]
5. Character Font: [**Helvetica.**] <_____.>
6. Character Case: [**Upper**] [**and**] [**lower**] case.

G. Individual Graphics, Material: [**Clear**] [**Solid color**] acrylic plastic:

1. Thickness: [1/8] <_____> inch ([3] <_____> mm).
2. Height: [2] [3] <_____> inches ([50] [75] <_____> mm).
3. Edges: [**Square.**] [**Beveled.**] [**Radiused.**]
4. Character Color: [**Black.**] <_____.>
5. Character Font: [**Helvetica.**] <_____.>
6. Character Case: [**Upper**] [**and**] [**lower**] case.

H. Graphic Style: [**Handicapped type.**] <_____.>

2.4 ACCESSORIES

A. Mounting Hardware: [Chrome] [Brass] screws.

******** [OR] ********

B. Tape Adhesive: Double sided tape, permanent adhesive.

PART 3 EXECUTION

3.1 EXAMINATION

A. Section 01 30 00 - Administrative Requirements: Verification of existing conditions before starting work.

3.2 INSTALLATION

A. Install signs after [doors] [surfaces] are finished, in locations [indicated on Drawings.] [as directed by [Owner] [Architect/Engineer].] [scheduled.]]

Include one or more of the following paragraphs. Verify compliance with applicable regulations.

B. Center sign on door surface, level.

******** [OR] ********

C. Position sign <_____> inches (<_____> mm) from [hinge] [strike] side of door; on door surface, level.

D. [Center] [Locate] sign on wall surface, level.

3.3 SCHEDULES

Include schedule when various sign or letter types and sizes are required.

Consider the following examples when developing Project schedule.

A. Office Door Signs: Individual Helvetica letters, 1 inch (25 mm) high, white color, identifying room name indicated on drawing schedule.

B. Service Room Signs: Plaque signs, 2 inches (50 mm) high, black face color, white core color, "UTILITY ROOM", "SERVICE ROOM", and "ELECTRICAL ROOM"; at each respective room location.

C. Rest Room Door Graphic: 6 inches (150 mm) high, "male" and "female" graphic image; black color, located on each rest room door.

END OF SECTION

SECTION 10 44 16 - FIRE EXTINGUISHERS

Some of the paragraphs may be deleted. When deleting, do not renumber all the paragraphs. Simply leave the section number and title as is, delete the text, and add the words "Not Used".

PART 1 GENERAL

1.1 SUMMARY

A. Work under this Section includes requirements to furnish and install, complete, portable fire extinguishers.

B. Section includes:

1. Fire extinguishers

1.2 SUBMITTALS

A. Manufacturer, catalog data for each item including certifications and mounting information.

1.3 DELIVERY, STORAGE, AND HANDLING

A. Deliver products in Manufacturer's original, unopened protective packaging.

B. Store and handle products in accordance with Manufacturer's instructions to protect them from damage.

PART 2 PRODUCTS

2.1 PORTABLE FIRE EXTINGUISHERS

A. General

1. All Extinguishers:

a. UL listing

b. Charged and ready for service

2. Provide heavy-duty brackets with clip-together strap for wall mounting.

3. Manufacturers: Products of the following, or equal, meeting these Specifications, may be used on this Project:

a. Amerex Corp.

b. Ansul Co.

c. General Fire Extinguishing Corp.

d. J.L. Manufacturing Co.

e. Kiddle Belleville

f. Larsen's Manufacturing Co.

g. Modern Metal Products

h. Potter-Roemer, Inc.

i. W.D. Allen Manufacturing Co.

B. Multi-Purpose Hand Extinguisher (F. Ext-1)

1. Tri-class dry chemical extinguishing agent.
2. Pressurized, red enameled steel shell cylinder.
3. Activated by top squeeze handle.
4. Agent propelled through hose or opening at top of unit.
5. For use on A, B, and C class fires.
6. Minimum UL Rating: 4A-60B:C, 10-pound (4.5-kilogram) capacity.

PART 3 EXECUTION

3.1 INSTALLATION

A. Portable Fire Extinguishers

1. Provide at locations shown on Drawings.
2. Mount hangers securely in position, in accordance with Manufacturer's recommendations.
3. Top of Extinguisher: No more than 5 feet (1.5 meters) above the floor.

END OF SECTION