

Creative Sign Designs

SECTION 10440

INTERIOR SIGNAGE

Clarity Studio 2 - Engraved

Display hidden notes to specifier. (Don't know how? [Click Here](#))

NOTE TO SPECIFIER ** Creative Sign Designs; Interior Signage.

This section is based on the products manufactured Creative Sign Designs, which is located at:

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With a consultative approach to architectural signage, Creative Sign Designs specializes in guiding people in and around places. Whether it's guiding you through the design of a project and the selection of materials or guiding the end user to, through and around the space, we are guiding every step of the way. As a custom sign fabricator, we believe a successful program involves more than just investing in first-rate products. It requires meticulous planning and execution for the end result to be functional, cost efficient and compliant with pertinent regulations, such as the Americans with Disabilities Act (ADA). With over a quarter century of experience in the sign industry, Creative Sign Designs has the know how to successfully complete projects for clients in any industry, anywhere.

PART 1 GENERAL

1.1 SECTION INCLUDES

**** NOTE TO SPECIFIER ** Remove items below not required for project.**

- A. Room Identification.
- B. Stairs.
- C. Restroom.
- D. Elevator Lobby.
- E. Informational Signage.
- F. Directory Signage.

1.2 RELATED SECTIONS

**** NOTE TO SPECIFIER ** Remove any sections below not relevant to this project; add others as required.**

- A. Section 10410 - Directories.
- B. Section 10420 - Plaques.
- C. Section 10430 - Exterior Signage.

1.3 REFERENCES

- A. [ANSI 117.1 – For Buildings and Facilities](#)
- B. [ASTM International \(ASTM\) D635](#) - Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position.
- C. [ASTM International \(ASTM\) E84](#) - Standard Test Method for Surface Burning Characteristics of Building Materials.
- D. [ASTM International \(ASTM\) D1929](#) - Standard Test Method for Determining Ignition Temperature of Plastics.
- E. [Underwriters Laboratories \(UL\) 94](#) - Tests for Flammability of Plastic Materials for Parts in Devices and Appliances.
- F. [Underwriters Laboratories \(UL\) 723](#) - Standard for Test for Surface Burning Characteristics of Building Materials.
- G. [ASTM E2072-04](#) - Standard Specification for Photoluminescent (Phosphorescent) Safety Marking.
- H. [ASTM E2073-02](#) - Standard Test Method for Photopic Luminance of Photo Luminescent (Phosphorescent) Markings.

1.4 PERFORMANCE REQUIREMENTS

- A. Provide engraved signage with Raster Braille that conforms to the requirements of all regulatory agencies holding jurisdiction and the quality control of CSD.

**** NOTE TO SPECIFIER ** Retain the next paragraph only if glow in the dark signage is specified.**

- B. Provide glow in the dark, photo luminescent material that complies with applicable provisions of ASTM E 2073-02 and DIN 67510. Photo luminescent material must have up to eight hours of luminance.

**** NOTE TO SPECIFIER ** Remove the next paragraph if ADA conformance is not required.**

- C. Requirements:
 - 1. Comply with all applicable provisions of the 2010 ADA Standards for Accessible Design.
 - 2. **Depth.** Raised *characters* shall be 1/32 inch (0.8 mm) minimum above their background.
 - 3. **Case.** *Characters* shall be uppercase.
 - 4. **Style.** *Characters* shall be sans serif. *Characters* shall not be italic, oblique, script, highly decorative, or of other unusual forms.
 - 5. **Character Proportions.** *Characters* shall be selected from fonts where the width of the uppercase letter "O" is 55 percent minimum and 110 percent maximum of the height of the uppercase letter "I".

6. **Character Height.** *Character* height measured vertically from the baseline of the *character* shall be 5/8 inch (16 mm) minimum and 2 inches (51 mm) maximum based on the height of the uppercase letter "I".
7. **Finish and Contrast.** *Characters* and their background shall have a non-glare finish. *Characters* shall contrast with their background with either light *characters* on a dark background or dark *characters* on a light background.
8. **Braille.** Braille shall be contracted (Grade 2) and shall comply with Chapt. 7, Section 703.3 and 703.4 (2010 ADA Standards for Accessible Design).
9. **Braille Position.** Braille shall be positioned below the corresponding text. If text is multi-lined, Braille shall be placed below the entire text. Braille shall be separated 3/8 inch (9.5 mm) minimum from any other *tactile characters* and 3/8 inch (9.5 mm) minimum from raised borders and decorative *elements*.
10. **Symbols of Accessibility.** Accessible facilities are required to be identified using the international symbol of accessibility.
11. **Complete Code Compliance.** Please reference Chapt. 7, Section 703 (2010 ADA Standards for Accessible Design) for additional information / exceptions not listed here, to ensure signs meet full compliance.

1.5 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used including:
 1. Preparation instructions and recommendations.
 2. Storage and handling requirements and recommendations.
 3. Installation methods.
- C. Shop Drawings: Detail drawings showing sizes, lettering and graphics, construction details of each type of sign and mounting details with appropriate fasteners for specific project substrates.

**** NOTE TO SPECIFIER ** Remove selection samples if colors already have been selected.**

- D. Selection Samples: For each finish product specified, two sets of color sheets representing manufacturer's full range of available colors and patterns.
- E. Verification Samples: For each sign type and color specified, two samples, minimum size 6 in (150 mm) square, representing actual product, color and patterns.
- F. Manufacturer's Installation Instructions: Printed installation instructions for each signage system.
- G. Message Schedule: Signage report indicating signage location, text and sign type.

1.6 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials in unopened factory packaging.
- B. Inspect materials at delivery to verify there are no defects or damage.
- C. Store products in manufacturer's original packaging until ready for installation in climate controlled location away from direct sunlight.

- D. 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. Install products in an interior climate controlled environment.
- B. 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 absolute limits.

1.8 WARRANTY

- A. At project closeout, provide to the Owner or Owner's representative a copy of the manufacturer's standard limited warranty against manufacturing defect outlining the terms, conditions and exclusions from coverage.
 - 1. Duration: One (1) year.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Creative Sign Designs, 12801 Commodity Place, Tampa, FL 33626; Toll Free Tel: 800.804.4809; Tel: 813.818.7200; e-mail: info@creativesigndesigns.com; website: www.creativesigndesigns.com
- B. Substitutions: Not permitted unless bidder obtains approval from the Architect and/or Owner to bid alternates or substitutions to the specifications at least four weeks prior to bid date.
- C. Provide all signage from one manufacturer.

2.2 SIGNAGE – GENERAL

**** NOTE TO SPECIFIER ** Remove products from the list below that are not required. The signage in this specification is manufactured using engraved appliqué for the tactile characters and the Raster Braille method. Select what is needed and remove the rest.**

- A. It is the intent of these specifications to establish a sign standard for the Owner including but not limited to primary and secondary directories, wall-mounted directional signs, primary room identification, restrooms, conference rooms, work station identification and all code compliant signage. While the Owner may not obtain all signs and sign types, the signage contractor shall design and submit approval drawings for all sign types relevant to the project.
- B. Comply with all applicable provisions of the 2010 ADA Standards for Accessible Design that apply to the State and Local jurisdiction of the project.
- C. If required text and graphics are not indicated in specification or on drawings, obtain Owner's instructions as to text and graphics prior to preparation of shop drawings.
- D. Typography: See Drawings. Copy shall be a clean and accurate reproduction of typeface(s) specified. Upper and lower case and all caps as indicated in Sign Type drawings and Signage Schedule. Letter spacing to be set by manufacturer.
- E. Arrows, symbols and pictograms will be provided in style, sizes, colors and spacing as indicated in drawings for each sign system.

**** NOTE TO SPECIFIER ** Remove all but one of the following.**

F. Braille

1. Grade 2 Braille
2. California Braille

**** NOTE TO SPECIFIER ** Remove all but one of the following four placements. If more than one is required, indicate clearly where each will be applied.**

G. Design

1. Text/Graphics Placement: Right justified.
2. Text/Graphics Placement: Centered.
3. Text/Graphics Placement: Left justified.
4. Text/Graphics Placement: As indicated on contract drawings.

**** NOTE TO SPECIFIER ** Remove all but one of the following 4 font options. If more than one is required, indicate clearly where each will be applied.**

5. Font: As Indicated on the Contract Drawings.
6. Font: Optima Medium.
7. Font: Frutiger.
8. Font: Helvetica.
9. Font: Myriad Pro.
10. Font: _____

2.3 IDENTIFICATION SIGNAGE

A. System: Clarity: Studio 2 - Engraved.

**** NOTE TO SPECIFIER ** All Clarity Studio 2 signs contain a colored backplate and an ADA plate with the exception of the F-P Flagmount Portrait and the LS-F Fire Extinguisher. Make one selection from sections B – H. If making more than one selection per section, please be specific. Remove what is not needed.**

B. ADA Plate Color Selection

1. Red 101
2. Burgundy 102
3. TERRA COTTA 103
4. Yellow 104
5. Green 105
6. Pine 106
7. Forest Green 107
8. Island Blue 108
9. Blue 109
10. Royal Blue 110
11. Union Blue 111
12. Shadow Blue 112
13. Ivory 113
14. Sand 114
15. Beige 115
16. Ash 116
17. Off-White 117
18. Bright White 118
19. Birch Grey 119
20. Medium Grey 120
21. Dark Grey 121
22. Charcoal 122
23. Taupe 123
24. Stone 124
25. Mink 125
26. Dark Brown 126
27. Black 127

- 28. Gold 128
- 29. Silver 129
- 30. Graphite 130
- 31. LAM-Biltmore Cherry
- 32. LAM-Brighton Walnut
- 33. LAM-Cocobala
- 34. LAM-Kensington Maple
- 35. LAM-Monticello Maple
- 36. ECO-Aqua
- 37. ECO-Banana Fiber Lite
- 38. ECO-Bear Grass Lite
- 39. ECO-Bronze Weave
- 40. ECO-Fossil Leaf
- 41. Color: _____

C. Backplate Color Selection

- 1. Red 101
- 2. Burgundy 102
- 3. TERRA COTTA 103
- 4. Yellow 104
- 5. Green 105
- 6. Pine 106
- 7. Forest Green 107
- 8. Island Blue 108
- 9. Blue 109
- 10. Royal Blue 110
- 11. Union Blue 111
- 12. Shadow Blue 112
- 13. Ivory 113
- 14. Sand 114
- 15. Beige 115
- 16. Ash 116
- 17. Off-White 117
- 18. Bright White 118
- 19. Birch Grey 119
- 20. Medium Grey 120
- 21. Dark Grey 121
- 22. Charcoal 122
- 23. Taupe 123
- 24. Stone 124
- 25. Mink 125
- 26. Dark Brown 126
- 27. Black 127
- 28. Gold 128
- 29. Silver 129
- 30. Graphite 130
- 31. LAM-Biltmore Cherry
- 32. LAM-Brighton Walnut
- 33. LAM-Cocobala
- 34. LAM-Kensington Maple
- 35. LAM-Monticello Maple
- 36. ECO-Aqua
- 37. ECO-Banana Fiber Lite
- 38. ECO-Bear Grass Lite
- 39. ECO-Bronze Weave
- 40. ECO-Fossil Leaf

41. Color: _____

D. ADA Raised Copy Color Selection

1. Black
2. White
3. Gold 1255
4. Grey 430
5. Metallic silver 877
6. Tan 7501
7. Brown 7518
8. Color: _____

E. ADA Font Choices

1. Font: As Indicated on the Contract Drawings.
2. Font: Optima Medium.
3. Font: Frutger.
4. Font: Helvetica.
5. Font: Myriad Pro.
6. Font: _____

F. ADA Plate Gauge Selection

1. 1/8"
2. 1/4"
3. Other: _____

G. Backplate Gauge Selection

1. 1/8"
2. 1/4"
3. Other: _____

H. Corner Finishes

1. Square
2. Round
3. Scallop
4. Bevel

**** NOTE TO SPECIFIER ** Select the required sizes and quantities in this section. Remove what is not needed. Each line of copy has up to 14 characters per line (5/8" copy).**

I. Sign Type – Standard Room ID

1. R.0 - Room ID - Small
 - a. Size: 3.5" x 6.5"
 - b. Qty: _____
2. R.1 - Room ID – 1 Line
 - a. Size: 3.5" x 9.5"
 - b. Qty: _____
3. R.2 - Room ID – 2 Line
 - a. Size: 4.5" x 9.5"
 - b. Qty: _____
4. R.3 - Room ID – 3 Line
 - a. Size: 6.5" x 9.5"
 - b. Qty: _____
5. CR - Conference Room – 3 Line (In Use/Vacant Slider)
 - a. Size: 8.5" x 9.5"

- b. Qty: _____
- 6. RIN.0 - Room ID – Small Insert (Insert Size: 8.5"x3")
 - a. Size: 7.5" x 9.5"
 - b. Qty: _____
- 7. RIN.1 - Room ID – Large Insert (Insert Size: 8.5"x5.5")
 - a. Size: 9" x 9.5"
 - b. Qty: _____

**** NOTE TO SPECIFIER ** Select the required sizes and quantities in this section. Remove what is not needed. The pictograms are 6"x6" with one line of copy. Each line of copy has up to 14 characters per line (5/8" copy).**

J. Sign Type – Room ID (Code Required Signage)

- 1. RR-M - Men
 - a. Size: 10" x 10"
 - b. Qty: _____
- 2. RR-W - Women
 - a. Size: 10" x 10"
 - b. Qty: _____
- 3. RR-U - Unisex
 - a. Size: 10" x 10"
 - b. Qty: _____
- 4. RR-MA - Men / Accessible
 - a. Size: 10" x 10"
 - b. Qty: _____
- 5. RR-WA - Women / Accessible
 - a. Size: 10" x 10"
 - b. Qty: _____
- 6. RR-UA - Unisex / Accessible
 - a. Size: 10" x 10"
 - b. Qty: _____
- 7. S - Stairwell
 - a. Size: 10" x 10"
 - b. Qty: _____
- 8. P – Misc. Pictogram
 - a. Size: 10" x 10"
 - b. Qty: _____

**** NOTE TO SPECIFIER ** Select the required sizes and quantities in this section. All artwork for E.2P and E.4P Evacuation Maps are to be provided by client or architect. Remove what is not needed.**

K. Sign Type – Life Safety Signage (Code Required Signage)

- 1. EXIT – Exit - Up to 10 Character with 5/8" Copy
 - a. Size: 3.5" x 6.5"
 - b. Qty: _____
- 2. LS-MO Informational – Up to 14 Characters Per Line with 5/8" Copy
 - a. Size: 6.5" x 9.5"
 - b. Qty: _____

3. LS-F Fire Extinguisher - Up to 14 Characters Per Line with 5/8" Copy
 - a. Size: 5.5" x 8.5"
 - b. Qty: _____
4. LS-S - In Case of Fire - Up to 14 Characters Per Line with 5/8" Copy
 - a. Size: 10" x 10"
 - b. Qty: _____
5. L - Level Indicator
 - a. Size: 14" x 12"
 - b. Qty: _____
6. E.2P - Evacuation Map (Insert Size: 8.5"x11")
 - a. Size: 15.5" x 9.5"
 - b. Qty: _____
7. E.4P - Evacuation Map (Insert Size: 11"x17")
 - a. Size: 21.5" x 12"
 - b. Qty: _____

**** NOTE TO SPECIFIER ** Select the required sizes and quantities in this section. Remove what is not needed.**

L. Sign Type – Work Station and Miscellaneous Inserts

1. IN.0 – Extra Small Inserts (Insert Size 8.5"x3")
 - a. Size: 4" x 9.5"
 - b. Qty: _____
2. IN.1L – Small Landscape Insert (Insert Size: 8.5"x5.5")
 - a. Size: 6.5" x 9.5"
 - b. Qty: _____
3. N.2L – Letter Landscape Inserts (Insert Size: 8.5"x11")
 - a. Size: 10.5" x 12"
 - b. Qty: _____
4. IN.3L – Legal Landscape Insert (Insert Size: 8.5"x14")
 - a. Size: 10.5" x 15"
 - b. Qty: _____
5. IN.4L – Tabloid Landscape Insert (Insert Size: 11"x17")
 - a. Size: 12" x 18"
 - b. Qty: _____
6. IN.1P - Small Portrait Insert (Insert Size: 8.5"x5.5")
 - a. Size: 10.5" x 6.5"
 - b. Qty: _____
7. IN.2P - Letter Portrait Insert (Insert Size: 8.5"x11")
 - a. Size: 13" x 9.5"
 - b. Qty: _____
8. IN.3P – Legal Portrait Insert (Insert Size: 8.5"x14")
 - a. Size: 16" x 9.5"
 - b. Qty: _____
9. IN.4P – Tabloid Portrait Insert (Insert Size: 11"x17")
 - a. Size: 19" x 12"

b. Qty: _____

**** NOTE TO SPECIFIER ** Select the required sizes and quantities in this section. Remove what is not needed.**

M. Sign Type – Wall Directionals

1. WD.2P-1 - Single Insert Directory - 1 Slot with 5/8" Copy (Insert Size: 8.5"x11")
 - a. Size: 15.5" x 9.5"
 - b. Qty: _____
2. WD.2P-5 - Single Insert Directory – 5 Slots with 5/8" Copy (Insert Size: 8.5"x2")
 - a. Size: 15.5" x 9.5"
 - b. Qty: _____
3. WD.2P-9 - Single Insert Directory - 9 Slots with 5/8" Copy (Insert Size: 8.5"x1")
 - a. Size: 15.5" x 9.5"
 - b. Qty: _____
4. WD.4P-1 - Single Insert Directory - 1Slot with 1" Copy (Insert Size: 11"x17")
 - a. Size: 21.5" x 12"
 - b. Qty: _____
5. WD.4P-9 - Single Insert Directory - 9 Slots with 5/8" Copy (Insert Size: 11"x7.5")
 - a. Size: 21.5" x 12"
 - b. Qty: _____

**** NOTE TO SPECIFIER ** Select the required sizes and quantities in this section. Remove what is not needed.**

N. Sign Type – Flagmounts

1. F-L - Flagmount Landscape Double Sided
 - a. Size: 6" x 17"
 - b. Qty: _____
2. F-P - Flagmount Portrait Double Sided
 - a. Size: 5" x 16"
 - b. Qty: _____

**** NOTE TO SPECIFIER ** Select the required sizes and quantities in this section. Remove what is not needed. There must be 80" clearance from the floor to the bottom on the signs in this section. ADA requires at least 3" copy on directionals.**

O. Sign Type – Overhead Directionals

1. OD.8-48 - Overhead Directory Standard - Double Sided with Up To 2 Lines of Copy
 - a. Size: 8" x 48"
 - b. Qty: _____
2. OD.12-48 - Overhead Directory Standard – Double Sided with up to 3 Lines of Copy
 - a. Size: 12" x 48"
 - b. Qty: _____
3. OD.8-72 - Overhead Directory Large – Double Sided with up to 2 Lines of Copy

- a. Size: 8" x 72"
 - b. Qty: _____
4. OD.12-72 - Overhead Directory Large – Double Sided with up to 2 Lines of Copy
- a. Size: 12" x 72"
 - b. Qty: _____

**** NOTE TO SPECIFIER ** Select the required sizes and quantities in this section. Remove what is not needed.**

P. Sign Type – Directories

- 1. D.1 - Single Insert Directory – Single Insert with 1.25" Copy (Insert Size: 22"x30")
 - a. Size: 36" x 22"
 - b. Qty: _____
- 2. D.12 - Multiple Insert Directory – 12 Slots with 1.25" Copy (Insert Size: 22"x2")
 - a. Size: 36" x 22"
 - b. Qty: _____

**** NOTE TO SPECIFIER ** Select the required mounting method. Remove what is not needed.**

Q. Mounting

- 1. Double face tape and silicone mount.
- 2. Mechanical, tamper resistant fasteners.

R. EXECUTION

- 1. EXAMINATION
 - a. Verify that wall surface is dry and free from dirt, grease and loose paint.
 - b. Complete all finishing operations, including painting, before beginning installation of signage systems.
 - c. Do not begin installation until substrates have been properly prepared.
 - d. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
 - e. Examine signage for defects prior to installation. Do not install damaged signage.
- 2. PREPARATION
 - a. Verify mounting heights and locations comply with referenced standards.
 - b. Clean surfaces thoroughly prior to installation to remove dust, debris and loose particles.
 - c. Prepare surfaces using the methods recommended by the manufacturer for achieving the best results for the substrate under the project conditions.
- 3. INSTALLATION
 - a. Locate the signage system as indicated on drawings for the appropriate substrate and in accordance with manufacturer's installation instructions.
 - b. Install signage systems level and plumb at the height indicated on the drawings.
 - c. Mount in accordance with current ADA and state regulations.

4. CLEANING
 - a. At completion of installation, clean surfaces in accordance with manufacturer's instructions.
5. PROTECTION
 - a. Protect installed products until completion of project.
 - b. Touch up, repair or replace damaged products before substantial completion.

END OF SECTION