SECTION 10 14 26

EXTERIOR SIGNAGE

Display hidden notes to specifier. (Don't know how? [Click Here](http://www.arcat.com/sd/display_hidden_notes.shtml))

\*\* NOTE TO SPECIFIER \*\* Corpus Christi Stamp Works Inc. DBA/ National Signage Affiliates; . This section is based on the products of Corpus Christi Stamp Works Inc. DBA/ National Signage Affiliates, which is located at: P. O. Box 2189 502 S. Staples (78401) Corpus Christi, TX 78403 Toll Free: 800-322-4515 Fax: 800-354-6416 Email: sales@ccstampworks.com Web Site: www.ccswsignsystems.com

1. PART 1 GENERAL
	1. 1.1 SECTION INCLUDES

\*\* NOTE TO SPECIFIER \*\* Delete items below not required for project.

* + 1. A. Exterior Signage Systems:
			1. 1. Post and Panel Signage.
	1. 1.2 RELATED SECTIONS

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

* + 1. A. Section 01100 – Administrative Requirements.
	1. 1.3 REFERENCES

\*\* NOTE TO SPECIFIER \*\* Delete references from the list below that are not actually required by the text of the edited section.

* + 1. A. Americans with Disabilities Act (ADA).
		2. B. American National Standards Institute (ANSI):
			1. 1. ANSI A117.1 - Accessible and Usable Buildings and Facilities Standards.
	1. 1.4 SUBMITTALS
		1. A. Submit under provisions of Section 01300.
		2. B. Product Data: Manufacturer's data sheets on each product to be installed.
		3. C. Shop Drawings: Shop drawings with letter style, dimensions, materials, finishes and general layout for each sign type, with sizes, edge and corner treatment, and mounting methods shown.

\*\* NOTE TO SPECIFIER \*\* Delete if selection samples have already been selected.

* + 1. D. Selection Samples: For each finish specified, two complete sets of color chips representing manufacturer's full range of available colors, patterns and finishes.

\*\* NOTE TO SPECIFIER \*\* Delete if verification sample not required.

* + 1. E. Verification Samples: For each finish product specified, one full-size sign or typical letter representing actual product, color, patterns, and finishes. Include method of raised symbols and copy.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. F. Sustainable Design Submittals:
			1. 1. Recycled Content – Provide documentation from Manufacturer verifying percentage of recycled and post-consumer content.
			2. 2. Regional Materials – Provide documentation form manufacturer/distributor showing location where materials were obtained from for each component.
	1. 1.5 QUALITY ASSURANCE
		1. A. Manufacturer Qualifications: Manufacturer shall have five years experience manufacturing and fabricating products of similar type and scope as those specified in this section.

\*\* NOTE TO SPECIFIER \*\* Include a mock-up if the project size and/or quality warrant taking such a precaution. The following is one example of how a mock-up on a large project might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project.

* + 1. B. Regulatory Requirements: Comply with applicable provisions in ADA-ABA Accessibility Guidelines, ICC/ANSI A117.1 and Unified Federal Accessibility Standards (UFAS)
		2. C. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
			1. 1. Finish areas designated by Architect.
			2. 2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
			3. 3. Refinish mock-up area as required to produce acceptable work.
	1. 1.6 DELIVERY, STORAGE, AND HANDLING
		1. A. Comply with manufacturer's recommendations for delivery, storage and handling.
		2. B. Materials shall be delivered to the location in unopened, labeled factory containers. Upon delivery, materials shall be inspected for damage. Deficient materials shall not be used.
	2. 1.7 PROJECT CONDITIONS
		1. 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 absolute limits.
		2. PART 2 PRODUCTS
	3. 2.1 MANUFACTURERS
		1. A. Acceptable Manufacturer: Corpus Christi Stamp Works Inc. DBA/ National Signage Affiliates, which is located at: P. O. Box 2189 502 S. Staples (78401) ; Corpus Christi, TX 78403; Toll Free Tel: 800-322-4515; Email:  (sales@ccswsignsystems.com); Web: [www.nationalsignageaffiliates.com](http://www.nationalsignageaffiliates.com)

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + 1. B. Requests for substitutions will be considered in accordance with provisions of Section 01600.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. 2.2 POST AND PANEL SIGNAGE

NOTE TO SPECIFIER \*\* Delete options for series and associated text not required.

* + 1. A. BE Series Post and Panel Signage Systems: as manufactured by Corpus Christi Stamp Works Inc. DBA/ National Signage Affiliates.
			1. 1. Model No: As selected by Architect.
				1. a. Description: Non-illuminated Post and panel signage using Aluminum posts with single layer panels of either Dibond or Aluminum
				2. b. Size: As indicated on Drawings.
				3. c. Size: As selected by Architect.
				4. d. Size: \_\_ inches (\_\_ mm) in height x \_\_inches (\_\_ mm) in width
			2. 2. Posts: Aluminum
				1. a. 2 inch (51 mm) square posts,
				2. b. Length/Height: As Indicated on Drawings.
				3. c. Length/Height: As Selected by Architect.
				4. d. Length/Height: \_\_\_\_ inches.
				5. e. Finish: Paint.

1) Color: As Indicated in Drawings.

2) Color: As Selected by Architect.

3) Color: \_\_\_\_\_\_.

* + - 1. 3. Panels:
				1. a. 1/8” Aluminum Panel.
				2. b. Text and Graphics: As indicated on Drawings.
				3. c. Text and Graphics: As Selected by Architect.
				4. d. Size: As indicated on Drawings.
		1. B. H2.2 Series Post and Panel Signage System
			1. 1. Model No: As indicated on Drawings.
			2. 2. Model No: As selected by Architect.
			3. 3. Model No: (Follow naming convention as described in catalog). H2.2 - Post Type- Body Type - Panel Type - Sign Type - Graphic Process – Height – Width.
				1. a. Description: Non-illuminated Post and panel signage using Aluminum posts with two layers of panels of either Dibond or Aluminum; Can be constructed with different frames (body) for the panels and either 0 inch, 3/8 inch or 3/4 inch reveal.
				2. b. Size: As indicated on Drawings.
				3. c. Size: As selected by Architect.
				4. d. Size: \_\_ inches (\_\_ mm) in height x \_\_inches (\_\_ mm) in width.
			4. 4. Posts: Aluminum
				1. a. 2 inch (51 mm) square posts,
				2. b. Length/Height: As Indicated on Drawings.
				3. c. Length/Height: As Selected by Architect.
				4. d. Length/Height: \_\_\_\_ inches.
				5. e. Finish: Paint.

1) Color: As Indicated in Drawings.

2) Color: As Selected by Architect.

3) Color: \_\_\_\_\_\_.

* + - 1. 5. Body Type (Select One)
				1. a. Slide Body: Framing Component to attach panels to posts showing a ½ inch frame at end of panels
				2. b. Bleed Body: Framing Component to attach panels to posts providing an edgeless appearance.
				3. c. Beveled Frame: Framing Component to attach panels to posts providing a beveled frame around panels
			2. 6. Reveal Size: As Selected by Architect.
			3. 7. Reveal Size: 0 inch.
			4. 8. Reveal Size: 3/8 inch.
			5. 9. Reveal Size: 3/4 inch.
			6. 10. Panels:

1) 1/8 inch Aluminum Panel

2) 1/8 inch Dibond Panel.

3) Text and Graphics: As indicated on Drawings.

4) Text and Graphics: As Selected by Architect.

5) Size: As indicated on Drawings.

6) Size: As selected by Architect.

7) Size: \_\_ inches (\_\_ mm) in height x \_\_inches (\_\_ mm) in width.

* + - 1. C. H2.3 Series Post and Panel Signage System
				1. 1. Model No: As indicated on Drawings;
				2. 2. Model No: As selected by Architect;
				3. 3. Model No: (Follow naming convention as described in catalog). H2.3 - Post Type- Body Type - Panel Type - Sign Type - Graphic Process – Height - Width}.

a) Description: Non-illuminated Post and panel signage using Aluminum posts with two layers of panels of either Dibond or Aluminum; can be constructed with different frames (body) for the panels and either 0 inch, 3/8 inch or 3/4 inch reveal.

b) Size: As indicated on Drawings.

c) Size: As selected by Architect.

d) Size: \_\_ inches (\_\_ mm) in height x \_\_inches (\_\_ mm) in width.

* + - * 1. 4. Posts: Aluminum

a) 3 ¼ inch (83 mm) square posts

b) 3 ¼ inch (83 mm) square posts with radius edges

c) 3 ¼ inch (83 mm) rectangular posts

d) 3 ¼ inch (83 mm) rectangular posts with radius edges

e) 3 ¼ inch (83 mm) triangular posts

f) 3 ¼ inch (83 mm) triangular posts with radius edges

g) 3 ¼ inch (83 mm) diameter round post

h) 3 ¼ inch (83 mm) diameter half round post

i) Shape as Indicated on Drawings

j) Shape as Selected by Architect.

k) Length/Height: As Indicated on Drawings.

l) Length/Height: As Selected by Architect.

m) Length/Height: \_\_\_\_ inches.

n) Finish: Paint

1) Color: As Indicated in Drawings.

2) Color: As Selected by Architect.

3) Color: \_\_\_\_\_\_.

* + - * 1. 5. Body Type (Select One)

a) Slide Body: Framing Component to attach panels to posts showing a ½ inch frame at end of panels

b) Bleed Body: Framing Component to attach panels to posts providing an edgeless look.

c) Round Body: Framing Component to attach panels to posts providing a rounded edge to end of panels

* + - * 1. 6. Reveal Size: As Indicated on Drawings.
				2. 7. Reveal Size: As Selected by Architect.
				3. 8. Reveal Size: 0 inch.
				4. 9. Reveal Size: 3/8 inch.
				5. 10. Reveal Size: 3/4 inch.
				6. 11. Panels:

1) 1/8 inch Aluminum Panel

2) 1/8 inch Dibond Panel

3) Text and Graphics: As indicated on Drawings.

4) Text and Graphics: As Selected by Architect.

5) Size: As indicated on Drawings.

6) Size: As selected by Architect.

7) Size: \_\_ inches (\_\_ mm) in height x \_\_inches (\_\_ mm) in width.

* + - 1. D. RG130 (RG) Series Engineered Post and Panel Signage System: As manufactured by Corpus Christi Stamp Works Inc. DBA/ National Signage Affiliates
				1. 1. Model No: As indicated on Drawings.
				2. 2. Model No: As selected by Architect.
				3. 3. Model No: (Follow naming convention as described in catalog). RG - Post Type- Body Type - Panel Type - Sign Type - Graphic Process – Height - Width.

a) Description: Non-illuminated Post and panel signage using Aluminum posts with Aluminum panels engineered to withstand wind speeds up to 130 mph.

b) Size: As indicated on Drawings;

c) Size: As selected by Architect;

d) Size: \_\_ inches (\_\_ mm) in height x \_\_inches (\_\_ mm) in width}

* + - * 1. 4. Posts:

a) 6061-T6 Aluminum extrusion with Mill Finish in accordance with ASTM-B209

b) Square shape

c) Thickness: Per Engineer’s specification

d) Wall Thickness: Per Engineer’s specification

e) Length/Height: As Indicated on Drawings;

f) Length/Height: \_\_\_\_ inches.

g) Finish: Paint

1) Color: As Indicated in Drawings;

2) Color: As Selected by Architect;

3) Color: \_\_\_\_\_\_.

* + - * 1. 5. Panels:

a) ¼ inch 6061-T6 Aluminum panel with Mill Finish in accordance with ASTM-B209 or in a thickness as specified by the Engineer.

b) Text and Graphics: {As indicated on Drawings; As Selected by Architect}

c) Size: As indicated on Drawings

* + - * 1. f. Hardware:

a) Hardware to be countersunk stainless steel.

b) Paint or otherwise protect the metal components from galvanic action according to Engineer’s instructions.

c) Size: Per Engineer’s specification

* + - * 1. g. Footing:
				2. a) Construct footings for signage per Engineer specification or as indicated on Drawings.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. D. Exterior Traffic Signs: As manufactured by Corpus Christi Stamp Works Inc. DBA/ National Signage Affiliates.
			1. 1. Material: .080 inch (2 mm) Aluminum.

\*\* NOTE TO SPECIFIER \*\* Delete options for graphics not required.

* + - 1. 2. Graphics: As indicated on Drawings.
			2. 3. Graphics: As selected by Architect.
			3. 4. Graphics: ' One Way'.
			4. 5. Graphics: ' Do Not Enter'.
			5. 6. Graphics: ' Reserved Parking' with handicap symbol.
			6. 7. Graphics: ' Stop'.
			7. 8. Graphics: Pedestrian symbol.
			8. 9. Graphics: ' One Way'.
	1. 2.3 GRAPHIC APPLICATION METHODS

\*\* NOTE TO SPECIFIER \*\* Delete options not required.

\*\* NOTE TO SPECIFIER \*\* Manufacturing Process ADA approved. Delete if not required.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. A. GP-4 Vinyl:
			1. 1. Description: Vinyl legends and text computer generated from 3 mil pressure sensitive material prepared for application to any smooth, non-porous surface.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. B. GP-5 Gemini: ADA compliant (Exterior Use).
			1. 1. Description: Precision cut letter raised 1/32 inch (0.8 mm) and chemically welded to subsurface acrylic in the following thicknesses: .060 inch (1.5 mm), .125 inch (3 mm), .015 (0.4 mm) vinyl laminates to
			2. 2. Material: .125 inch (3 mm) black acrylic.

\*\* NOTE TO SPECIFIER \*\* Delete options for thickness not required.

* + - 1. 3. Thickness: As indicated on Drawings.
			2. 4. Thickness: As selected by Architect.
			3. 5. Thickness: .015 inch (0.4 mm).
			4. 6. Thickness: .060 inch (1.5 mm).
			5. 7. Thickness: .125 inch (3 mm).\
		1. F. GP6 - Digital Print
			1. 1. Description: Printing from a digital based image directly to paper or vinyl
			2. PART 3 EXECUTION
	1. 3.1 EXAMINATION
		1. A. Installer shall examine signs for defects, damage, and compliance with specifications. Installation shall not proceed until satisfactory conditions are achieved.
		2. B. Inspect conditions of substrate and other conditions which may affect installation of signage.
		3. C. Do not begin installation until substrates are within manufacturer's specified tolerances and have been prepared in accordance with manufacturer's instructions.
		4. D. If substrate preparation is the responsibility of another installer, do not proceed with installation. Notify Architect of any unsatisfactory conditions immediately.
		5. E. Commencement of work is deemed as acceptance of installation conditions.
	2. 3.2 PREPARATION
		1. A. Verify mounting heights and locations for signage will comply with specified requirements, including accessibility requirements.
		2. B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions. Clean mounting locations of dirt, dust, grease or similar conditions that would prevent proper installation.
	3. 3.3 INSTALLATION
		1. A. Install in accordance with manufacturer's printed installation instructions, and in proper relationship with adjacent work.
		2. B. Use mounting methods and fasteners as recommended by the manufacturer.
		3. C. Set level, plumb, rigid and at heights indicated with surfaces free from defects.
	4. 3.4 PROTECTION
		1. A. Protect installed products until completion of project.
		2. B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION