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This section includes editing notes to assist the user in editing the section to suit project requirements. These notes are included as hidden text, and can be revealed or hidden by the following method in Microsoft Word:

 Display the FILE tab on the ribbon, click OPTIONS, then DISPLAY. Select or deselect HIDDEN TEXT.

This guide specification section has been prepared by Morin Corporation for use in the preparation of a project specification section covering Primo preformed metal soffit panels.

The following should be noted in using this specification:

Hypertext links to manufacturer websites are included after manufacturer names to assist in product selection and further research. Hypertext links are contained in blue, e.g.:

 [**http://www.morincorp.com/**](http://www.morincorp.com/)

Optional text requiring a selection by the user is enclosed within brackets and as red text, e.g.: Color: [Red.] [Black.]"

Items requiring user input are enclosed within brackets and as red text, e.g.: "Section [\_\_ \_\_ \_\_ - \_\_\_\_\_\_\_\_]."

Optional paragraphs are separated by an "OR" statement included as red text, e.g.:

\*\*\*\* OR \*\*\*\*

For assistance in the use of products in this section, contact Morin Corporation by calling 800-640-9501 or visit their website at [www.morincorp.com](http://www.morincorp.com/)

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SECTION 07 42 93 - METAL SOFFIT PANELS

 GENERAL

 SUBMITTALS

 Action Submittals.

 Shop Drawings: Illustrate products, installation, and relationship to adjacent construction.

 Product Data: Manufacturer’s descriptive data and product attributes for metal panels.

 Samples: [Selection samples.] [Verification samples.]

 Informational Submittals:

 Panel Calculations: Structural calculations prepared by qualified professional engineer licensed in State of [\_\_\_\_]. Certificate of Compliance: Certification that installed products meet specified design and performance requirements.

 ADMINISTRATIVE REQUIREMENTS

Retain the following for a pre-installation conference. Delete for smaller, less complex projects.

 Pre-Installation Conference:

 Attendance: [Design Professional,] [Owner,] [Contractor,] [Construction Manager,] installer, and related trades.

 Review: Project conditions, manufacturer requirements, delivery and storage, staging and sequencing, and protection of completed work.

 SYSTEM DESCRIPTION

 Design Requirements:

 Live and dead loads in accordance with Building Code.

 Minimum wind pressures in accordance with [ASCE 7,] [Building Code,] [\_\_\_\_,] with maximum allowable deflection of [L/240] [L/360] [\_\_], tested in accordance with ASTM E1592].

 Movement caused by an ambient temperature range of [120] [\_\_] degrees F and a surface temperature range of [160] [\_\_] degrees F.

 System design to be performed by qualified professional engineer licensed in State of [\_\_\_\_].

 QUALITY ASSURANCE

 Installer Qualifications: Firm specializing in work of this Section with minimum [2] [\_\_] years’ experience.

Retain the following for a full-scale site mockup. Delete for smaller, less complex projects.

 Mockup: [2 x 8] [\_\_ x \_\_] feet. Approved mockup [may] [may not] remain as part of the Work.

 WARRANTIES

 Manufacturer’s 2 year warranty against defects in materials and workmanship.

 Manufacturer’s 20 year warranty against chipping, cracking, fading, or delamination of panel finish.

 PRODUCTS

 MANUFACTURERS

 Contract Documents are based on products by Morin Corporation, **Error! Hyperlink reference not valid.**

Edit the following to indicate whether substitutions will be allowed for the products in this section.

 Substitutions: [Refer to Division 01.] [Not permitted.]

 MATERIALS

Retain the following for aluminum-zinc alloy (Galvalume/Zincalume) steel sheet. AZ50 is the coating used for coated panels; AZ55 is used for uncoated panels.

 Aluminum-Zinc Alloy Coated Steel Sheet: ASTM A792, [AZ50] [AZ55] [\_\_] coating class.

\*\*\*\* OR \*\*\*\*

Retain the following for aluminum sheet.

 Aluminum Sheet: ASTM B209, 3003-H14 alloy and temper.

 FABRICATION

 Roll form panels from minimum [[22] [24] gage aluminum-zinc alloy coated steel sheet.] [[0.032] [0.040] inch thick aluminum sheet.]

Refer to Morin technical information for panel profiles.

 Soffit Panels:

 Profile: Primo Soffit Panel [PS-12]. [PS-12-2.] [PSV-12.] [PSR-12.] [PSR-12-2.] [PSVR-12.]

 Panel width: 12 inches.

 Panel depth: 1 inch.

 Profile: [No reveal.] [1 Inch Reveal.]

Vented is not available in 22 gage.

 Surface: [Smooth.] [Two ribs.] [Vented, 5.376 square inch per linear foot free area.]

 FINISHES

Contact Morin Corporation for other available coating systems.

Retain the following for an uncoated aluminum-zinc alloy (Galvalume/Zincalume) steel panel.

 Panels and Trim: Mill finish; apply temporary protective coating.

 \*\*\*\* OR \*\*\*\*

Retain the following for a standard PVDF coating system for aluminum and aluminum-zinc alloy panels. Refer to Morin Corporation technical data for current colors.

 Panels and Trim:

 Coating type: Fluropon PVDF.

 Color: [\_\_\_\_.] [Custom color.]

 \*\*\*\* OR \*\*\*\*

Retain the following for a premium color mica PVDF coating system for aluminum and aluminum-zinc alloy panels. Refer to Morin Corporation technical data for current colors.

 Panels and Trim:

 Coating type: Fluropon Classic II PVDF.

 Color: [\_\_\_\_.] [Custom color.]

 \*\*\*\* OR \*\*\*\*

Retain the following for a premium color metallic PVDF coating system for aluminum and aluminum-zinc alloy panels. Refer to Morin Corporation technical data for current colors.

 Panels and Trim:

 Coating type: Fluropon Classic PVDF.

 Color: [\_\_\_\_.] [Custom color.]

 EXECUTION

 INSTALLATION

 Install in accordance with manufacturer's instructions and approved Shop Drawings.

 Fasten panels to supports using concealed fasteners.

 Installation Tolerances:

 Maximum variation from true plane: [1/4] [\_\_] inch in 10 feet, noncumulative.

END OF SECTION