

SECTION 074616 – ALUMINUM SIDING

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes aluminum siding [**and**] [**soffit**].
- B. Related Sections:
 - 1. Section 061600 – Sheathing
 - 2. Section 076200 – Sheet Metal Flashing and Trim
 - 3. Section 079200 – Joint Sealants
- C. Reference and Industry Standards
 - 1. The following reference standards shall apply to this Section:
 - a. The current Enterprise Green Communities (EGC) Criteria, and the current New York City Overlay.
 - 2. Industry Standards
 - AAMA (American Architectural Manufacturers Association)
- D. The current NYC Overlay of the current Enterprise Green Communities Criteria:
 - 1. Mandatory Requirements: See the NYC Overlay of the EGC reference standard for full specifications.
 - a. All projects must achieve compliance with the mandatory criteria measures that are applicable:
 - Criterion 6.9: Managing Moisture: Roofing and Wall Systems
 - Criterion 6.10: Construction Waste Management
 - 2. Additionally, rehab projects are required to achieve **55** optional points. Criteria with optional points related to this Specification Section include, but may not be limited to:
 - Criterion 6.2: Recycled Content and Ingredient Transparency
 - Criterion 6.7: Regional Materials
 - Criterion 6.10: Construction Waste Management

1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Samples: For aluminum siding [**and**] [**soffit**] including related accessories.

1.3 INFORMATIONAL SUBMITTALS

- A. Product certificates.
- B. Research/evaluation reports.
- C. Sample warranty.

1.4 CLOSEOUT SUBMITTALS

- A. Maintenance data.

1.5 WARRANTY

- A. Special Warranty: Manufacturer agrees to repair or replace products that fail in materials or workmanship within specified warranty period.
 - 1. Warranty Period: 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 ALUMINUM SIDING

- A. Aluminum Siding: Formed and coated product complying with AAMA 1402.
- B. Horizontal Pattern: 8-inch exposure in [**plain, single-board**] [**plain, double, 4-inch board**] style.
- C. Texture: [**Smooth**] [**Wood grain**].
- D. Nominal Thickness: 0.024 inch.
- E. Insulation: Manufacturer's standard integral insulation panels.
- F. Finish: Manufacturer's standard primer and baked-on polyester.
 - 1. Colors: [**As selected by Design-Professional-of-Record from manufacturer's full range of colors**] [**As selected by Owner from manufacturer's full range of colors**].
 - 2. Texture: [**As selected by Design-Professional-of-Record from manufacturer's full range of colors**] [**As selected by Owner from manufacturer's full range of colors**].

2.2 ALUMINUM SOFFIT

- A. Aluminum Soffit: Formed and coated product complying with AAMA 1402.
- B. Pattern: 6-inch exposure in V-grooved, single-board style.
- C. Texture: [**Smooth**] [**Wood grain**].

- D. Ventilation: Provide **[perforated]** **[unperforated]** soffit **[unless otherwise indicated]**.
- E. Nominal Thickness: 0.024 inch.
- F. Finish: Manufacturer's standard primer and baked-on polyester.
 - 1. Colors: **[As selected by Design-Professional-of-Record from manufacturer's full range of colors]** **[As selected by Owner from manufacturer's full range of colors]**.

2.3 ACCESSORIES

- A. Siding Accessories, General: Provide starter strips, edge trim, outside and inside corner caps, and other items as recommended by siding manufacturer for building configuration.
 - 1. Provide accessories made from same material as adjacent siding unless otherwise indicated.
- B. Aluminum Accessories: Where aluminum accessories are indicated, provide accessories complying with AAMA 1402.
 - 1. Texture: **[Smooth]** **[Wood grain]**.
 - 2. Nominal Thickness: 0.024 inch.
 - 3. Finish: Manufacturer's standard primer and baked-on polyester.
- C. Colors for Decorative Accessories: **[As selected by Design-Professional-of-Record from manufacturer's full range of colors]** **[Match adjacent siding]**.
- D. Flashing: Provide aluminum flashing complying with *Section 076200 – Sheet Metal Flashing and Trim* at window and door heads and where indicated.
 - 1. Finish for Aluminum Flashing: Same as aluminum siding.
- E. Fasteners:
 - 1. For fastening to wood, use **[siding nails]** **[ribbed bugle-head screws]** of sufficient length to penetrate a minimum of 1 inch into substrate.
 - 2. For fastening to metal, use ribbed bugle-head screws of sufficient length to penetrate a minimum of 1/4 inch, or three screw-threads, into substrate.
 - 3. For fastening aluminum, use aluminum fasteners. Where fasteners are exposed to view, use prefinished aluminum fasteners in color to match item being fastened.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. General: Comply with manufacturer's written installation instructions applicable to products and applications indicated unless more stringent requirements apply.

1. Center nails in elongated nailing slots without binding siding to allow for thermal movement.
- B. Install aluminum siding [**and**] [**soffit**] and related accessories according to AAMA 1402.
 1. Install fasteners no more than [**24 inches**] <Insert dimension> o.c.
- C. Install joint sealants as specified in *Section 079200 – Joint Sealants* and to produce a weathertight installation.
- D. Where aluminum siding contacts dissimilar metals, protect against galvanic action by painting contact surfaces with primer or by applying sealant or tape or installing nonconductive spacers as recommended by manufacturer for this purpose.

3.2 ADJUSTING AND CLEANING

- A. Remove damaged, improperly installed, or otherwise defective materials and replace with new materials complying with specified requirements.
- B. Clean finished surfaces according to manufacturer's written instructions and maintain in a clean condition during construction.

END OF SECTION 074616