

SECTION 07463 – BUILDING SIDING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Aluminum or composite siding.
- B. Aluminum or composite soffit.

1.02 RELATED SECTIONS

- A. Section 06100 - Rough Carpentry: Framing and Sheathing.
- B. Section 07920 – Sealants and Caulking.

1.03 SUBMITTALS

- A. Product Data: Manufacturer's standard printed product data and installation instructions for specified products.
- B. Selection Samples: Submit color chips of manufacturer's full range of colors for Resident's selection.
- C. Verification Samples: Submit three samples, each 12 inches in length, of each specified product in specified color.
- D. Regulatory Agency Compliance: Submit evidence of specified regulatory agency compliance.

1.04 QUALITY ASSURANCE

- A. Regulatory Requirements: Provide products that comply with the
 - 1. International Conference of Building Officials (ICBO) Report No. 1478.
 - 2. Building Officials and Code Administrators International, Inc. (BOCA) Research Report No. 94-25.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Deliver products to project site in original packaging.
- B. Store products in original packaging, on flat surface under cover,

stacked no more than 12 boxes high.

1.06 WARRANTY

- A. Provide manufacturer's lifetime limited warranty.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Acceptable Manufacturer: Alcoa Building Products, Inc.; 1501 Michigan St., P.O. Box 57, Sidney, OH 45365. ASD. Tel: (800) 962-6973.
- B. Suppliers of Composite panels complying with ICBO or BOCA regulatory requirements.

2.02 ALUMINUM SIDING PANELS

- A. Aluminum Siding Panels: Rustic 419(tm)Siding; woodgrain texture.
1. Style: Double 4-inch (102 mm) profile, 8 inches (203 mm) exposure.
 2. Length: 12 feet 6 inches (3.81 m), nominal.
 3. Thickness: Nominal 0.019 inch (0.5 mm); aluminum alloy 3105-H27P:
 - a. Minimum Tensile Strength: 28,000 psi (1,968,596 g/sq cm).
 - b. Minimum Yield Strength: 25,000 psi (1,757,675 g/sq cm).
 5. Finish: Alupalure 2000(R); two-phase operation including corrosion-inhibiting primer and baked-on high-performance acrylic topcoat.
 6. Color as selected by Resident from manufacturer's full line.

2.03 ALUMINUM SOFFIT PANELS

- A. Style: Single 6 inch (152.4 mm) wide profile panels 3/8 inch (9.5 mm) deep, with 5.5 inch (139.7 mm) wide face forming V-groove.
1. Thickness: Nominal 0.019 inch (0.5 mm); aluminum alloy 3105-H26P:
 - a. Minimum Tensile Strength: 28,000 psi (1,968,596 g/sq cm).
 - b. Minimum Yield Strength: 25,000 psi (1,757,675 g/sq cm).
 2. Interlocking edges and elongated nailing hems.
 3. Finish: Alupalure 2000(R); two-phase operation including corrosion-inhibiting primer and baked-on high-performance acrylic topcoat.

2.04 ACCESSORIES

- A. Accessories: Aluminum of same thickness, finish, and color as siding.
 - 1. Starter Strips.
 - 2. Outside Corner Posts.
 - 3. Inside Corner Posts.
 - 4. J-Channels.
 - 5. General Purpose Trim.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine substrate conditions before beginning installation of siding and soffit products; verify dimensions and acceptability of substrate.
- B. Do not proceed with installation until unacceptable conditions have been corrected.

3.02 INSTALLATION

- A. Install vapor barrier in accordance with manufacturer's printed instructions.
- B. Install in accordance with manufacturer's printed installation instructions.
- C. Attach panels to substrate interlocked and lapped for weathertight installation, nails concealed; install horizontal components true to level and vertical components true to plumb.
 - 1. Space siding nails at 16 inches (406.4 mm) on center; center nails in nailing slots without binding to allow for thermal movement.
- D. Paint or otherwise protect dissimilar metals in contact.
- E. Installation of joint sealers is specified in Section 07920.

3.03 ADJUSTING AND CLEANING

- A. Clean dirt from surface of installed products, using mild soap and water.
- B. After completing installation, remove from project site excess materials and debris resulting from installation.

END OF SECTION