SECTION 07411

PREFORMED METAL SIDING

PART 1 - GENERAL

1.1 SUMMARY

A. Provide preformed metal siding where shown on the Drawings, as specified herein, and as needed for a complete and proper installation.

B. Related Sections:
1. Section 05500: Metal Fabrications.
2. Section 07600: Flashing and Other Sheet Metal.
3. Section 09250: Gypsum Wallboard Systems.

C. Related work:
1. Documents affecting work of this Section include, but are not necessarily limited to, General Conditions, Supplementary Conditions, and Sections in Division 1 of these Specifications.

1.2 SUBMITTALS

A. Comply with pertinent provisions of Section 01300.

B. Product data: Within 35 calendar days after the Contractor has received the Owner's Notice to Proceed, submit:
1. Materials list of items proposed to be provided under this Section;
2. Manufacturer's specifications and other data needed to prove compliance with the specified requirements;
3. Shop Drawings in sufficient detail to show fabrication, installation, anchorage, and interface of the work of this Section with the work of adjacent trades;
4. Samples:
a. Two full panel widths by 6" length of finished exterior siding, interior liner, and perimeter trim pieces.
b. One of each type fastener employed.
5. Manufacturer's recommended installation procedures which, when approved by the Architect, will become the basis for accepting or rejecting actual installation procedures used on the Work.

1.3 QUALITY ASSURANCE

A. Use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary crafts and who are completely familiar with the specified requirements and the methods needed for proper performance of the work of this Section.

1.4 DELIVERY, STORAGE, AND HANDLING

A. Comply with pertinent provisions of Section 01620.

PART 2 - PRODUCTS

2.1 PREFORMED METAL SIDING

A. Locations of required patterns of siding are called out on the Drawings.

B. Metal Siding:
1. Provide reversed box rib pattern formed from 26 gage zincalume coated steel complying with ASTM A446.
2. Factory prefinish in baked enamel in color selected by the Architect and shown on the Drawings. See the Exterior Finish Schedule or Legend on the Drawings.
3. Acceptable products:
a. "Reversed Box Rib" AEP Span, Fontana, CA (800) 272-2466, website: www.aepspan.com.

2.2 ACCESSORY ITEMS

A. Provide subgirts, perimeter trim, closures, and other required components as needed to comprise the complete preformed metal siding system, using the materials and gages recommended by the approved manufacturer and approved by the Architect, and providing finish on exposed surfaces precisely matching the finish on the other exposed surfaces.

B. Provide fasteners and sealants as standard with the manufacturer of the approved products.

C. Provide and install Wallshield by VaproShield, or equal, breathable underlayment wrap on exterior sheathing beneath all metal siding.

2.3 FABRICATION

A. Fabricate in strict accordance with the approved product data.

PART 3 - EXECUTION

3.1 SURFACE CONDITIONS

A. Examine the areas and conditions under which work of this Section will be performed. Correct conditions detrimental to timely and proper completion of the Work. Do not proceed until unsatisfactory conditions are corrected.

3.2 INSTALLATION

A. Install the work of this Section in strict accordance with the manufacturer's recommended installation procedures as approved by the Architect.

B. Set siding plumb, level, and true to line, without warp or rack, to a tolerance of one to 600.

C. Touch up mars, scratches, and cut edges to match original finish.

END OF SECTION - 07411