**Parallel Architectural Products Developed by ZeroDocs.com**

SECTION 07 42 13 – METAL WALL PANELS

 GENERAL

 ADMINISTRATIVE REQUIREMENTS

 Pre-Installation Conference:

 Attendance: [Architect,] [Owner,] [Contractor,] [Construction Manager,] [Design/Builder] installer, and related trades.

* + - 1. Review: Project conditions, manufacturer requirements, delivery and storage, staging and sequencing, and protection of completed work.

 SYSTEM DESCRIPTION

 Design Requirements:

 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.

 Performance Requirements:

 Air leakage: Maximum [\_\_] CFM per square foot of soffit area, measured at reference differential pressure across assembly of [\_\_] PSF, tested to ASTM [E283/E283M.] [E1680.]

 Water leakage: None, tested to ASTM [E331] [E1646] with test pressure of [\_\_] PSF.

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

 SUBMITTALS

 Action Submittals:

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

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

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

 Informational Submittals:

 Certificate of Compliance: Certification that installed products meet specified design and performance requirements.

 QUALITY ASSURANCE

 Installer Qualifications: Minimum [2] [\_\_] years’ experience in work of this Section or installer supervised by manufacturer’s representative.

 Mockup: [4 x 8 feet.] [\_\_ x \_\_ feet.] [\_\_\_\_.] Approved mockup [may] [may not] remain as part of the Work.

 Fire Hazard Classification, tested to ASTM E84.

* + - 1. Flame spread: 0.
			2. Smoke developed: Maximum 60.

 WARRANTY

 Manufacturer’s 15 year warranty against defects in materials.

 Installer’s [5] [\_\_] year warranty against defects in workmanship.

 PRODUCTS

 MANUFACTURERS

 Contract Documents are based on products by Parallel Architectural Products. [www.parallelrep.com](http://www.parallelrep.com/)

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

 COMPONENTS

 Metal Wall Panels:

 Description: Extruded aluminum profiles with powder coating on exposed surfaces.

 Aluminum extrusions: ASTM B221, alloy and temper best suited to application.

 Powder coating: TGIC-free polyester meeting performance requirements of AAMA 2604.

 Siding profile: [CB-4 - 4 inch nominal width.] [CB-6 – 6 inch nominal width.] [CBV-6 – 6 inch nominal width.] [CB-8 – 8 inch nominal width.]

 Trim profiles:

* + - * 1. Outside corner: C-CF – 2 x 2 inches.
				2. Inside corner: C-CM – 2 x 2 inches.
				3. Casing: C-EC – 1-1/8 inch width.

 Color: [\_\_\_\_.] [To be selected from manufacturer’s full range of [Woodgrain – Standard] [Woodgrain - Non-Standard] [Solid – Standard] [Solid – Non-Standard] colors.]

 ACCESSORIES

 Clips and Other Attachments: Extruded aluminum, size and profile to suit project conditions.

 Fasteners: [AISI 1016, zinc-plated steel.] [Fluoropolymer coated steel.] [Manufacturers’ recommended fastener.]

 EXECUTION

 INSTALLATION

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

END OF SECTION