SECTION 08 12 16 - ALUMINUM DOOR FRAMES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS
   A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY
   A. Section includes <Insert description of essential item included in the Section>.

   B. Related Requirements:
      1. Division <Insert MF04 Division number> Section "<Insert MF04 Section title>" for <Insert description of related work>.

1.3 DEFINITIONS (RESERVED)

1.4 PREINSTALLATION MEETINGS
   A. Preinstallation Conference: Conduct conference at [Project site] <Insert location>.

1.5 ACTION SUBMITTALS
   A. Product Data: For each type of product.
      1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for <Insert product>.
      2. Include rated capacities, operating characteristics, [electrical characteristics], and furnished specialties and accessories.

   B. Shop Drawings:
      1. Include plans, elevations, sections, and [mounting] [attachment] details.
      2. Include details of equipment assemblies. Indicate dimensions, weights, loads, required clearances, method of field assembly, components, and location and size of each field connection.
      3. Detail fabrication and assembly of <Insert portion of Work>.
      4. Include diagrams for power, signal, and control wiring.

   C. Samples: For each exposed product and for each color and texture specified, <Insert dimensions> in size.
D. Samples for Initial Selection: For [each type of unit.] [each type of exposed finish] [units with factory-applied finishes].

E. Samples for Verification: For [each type of unit.] [each type of exposed finish.] [the following products, in manufacturer's standard sizes:]
   1. <Insert list of products>.

F. Product Schedule: For <Insert product>. [Use same designations indicated on Drawings.]

G. Delegated-Design Submittal: For <Insert product or assembly>.

1.6 INFORMATIONAL SUBMITTALS

A. Coordination Drawings: <Insert description of drawing type> [and other details], drawn to scale, on which the following items are shown and coordinated with each other, using input from installers of the items involved:
   1. <Insert requirements>.

B. Qualification Data: For [Installer] [Applicator] [manufacturer] [fabricator] [testing agency] [factory-authorized service representative] <Insert entity or specialist>.

C. [Material] [Product] Certificates: For each type of <Insert material or product>.
   1. <Insert list of materials or products>.

D. Material Test Reports: For each <Insert material>, by a qualified testing agency.

E. Product Test Reports: For each <Insert product>, for tests performed by [manufacturer and witnessed by a qualified testing agency] [a qualified testing agency].

F. Evaluation Reports: For <Insert products, assemblies, or systems>, from ICC-ES.

G. Source quality-control reports.

H. Field quality-control reports.

I. Sample Warranty: For [manufacturer's] [special] warranty.

1.7 CLOSEOUT SUBMITTALS

A. Maintenance Data: For <Insert products or materials> to include in maintenance manuals.

1.8 MAINTENANCE MATERIAL SUBMITTALS
A. Furnish extra materials, from the same product run, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.

1. <Insert product>: [Full-size units] <Insert detailed description of material and form making up a unit> equal to <Insert number> percent of quantity installed [for each size indicated], but no fewer than <Insert number> units.

1.9 QUALITY ASSURANCE

A. Manufacturer Qualifications: <Insert Section-related qualifications>.

B. Fabricator Qualifications: <Insert Section-related qualifications>.

C. Installer Qualifications: Fabricator of products.

D. Installer Qualifications: [An entity that employs installers and supervisors who are trained and approved by manufacturer] [An authorized representative who is trained and approved by manufacturer].

1.10 DELIVERY, STORAGE, AND HANDLING (RESERVED)

1.11 FIELD CONDITIONS (RESERVED)

1.12 WARRANTY

A. [Manufacturer's] [Special] Warranty: [Manufacturer agrees] [Installer agrees] [Manufacturer and Installer agree] to repair or replace [components of] <Insert product> that fail(s) in materials or workmanship within specified warranty period.

1. Warranty Period: <Insert number> year(s) from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Basis-of-Design Product: Subject to compliance with requirements, provide Classic Frame System, by RACO Interior Products, Inc., or comparable product by one of the following:


2.2 MATERIALS (RESERVED)

2.3 COMPONENTS (RESERVED)
2.4 ACCESSORIES (RESERVED)

2.5 GENERAL FINISH REQUIREMENTS

A. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

B. Finish products after assembly.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine [substrates] [areas] [and] [conditions], with Installer present, for compliance with requirements for [maximum moisture content], installation tolerances [and] <Insert other specific conditions> and other conditions affecting performance of the Work.

B. Examine <Insert products or materials> before installation. Reject <Insert products or materials> that are wet, moisture damaged, or mold damaged.

C. Examine roughing-in for <Insert system name> piping to verify actual locations of piping connections before [equipment] [fixture] installation.

D. Examine walls, floors, roofs, and <Insert description> for suitable conditions where <Insert product or system> will be installed.

E. [Prepare written report, endorsed by Installer, listing conditions detrimental to performance.]

F. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

3.3 ADJUSTING

A. Adjust [hardware] [moving parts] [Insert operable component] to function smoothly, and lubricate as recommended by manufacturer.

B. Occupancy Adjustments: When requested within [12] <Insert number> months from date of Substantial Completion, provide on-site assistance in adjusting system to suit actual occupied conditions. Provide up to [two] <Insert number> visits to Project during other-than-normal occupancy hours for this purpose.
3.4 DEMONSTRATION

A. [Engage a factory-authorized service representative to train] [Train] Owner’s maintenance personnel to adjust, operate, and maintain units.

END OF SECTION 08 12 16