SECTION 083113 - ACCESS DOORS AND FRAMES

PART 1 - GENERAL

1.1 SUMMARY

A. Provide exterior access panels for canopy in locations indicated

1.2 RELATED REQUIREMENTS

A. Section 080500 "Common Work Results for Openings."

B. Section 099000 "Painting."

1.3 SUBMITTALS

A. Product Data indicating:

1. Schedule of access doors and locations.

2. Details of each door type and hardware.

3. Locations and installation requirements.

4. Typical and special details of fabrication and installation

PART 2 - PRODUCTS

2.1 ACCESS DOORS AND FRAMES

A. Flush Access Doors with Exposed Flanges

1. Description: Face of door flush with frame, with exposed flange and concealed hinge, with neoprene gasket for exterior exposure.

2. Stainless Steel Sheet for Door: Nominal 0.063 inch (1.59 mm), 16 gage, ASTM A480/A480M.

3. Frame Material: Same material, thickness, and finish as door.

4. Latch and Lock: Cam latch, key operated. All access door locks shall be keyed alike.

5. Finish: Factory-applied baked enamel to match canopy color. If manufacturer cannot match the color exactly, then the Contractor is responsible for having the door field-painted to the Owner's satisfaction.

2.2 MATERIALS

A. Stainless Steel Plate, Sheet, and Strip: ASTM A240/A240M or ASTM A666, Type 304 unless specifically noted to be Type 316. Remove tool and die marks and stretch lines, or blend into finish.

B. Stainless Flat Bars: ASTM A666, Type 304. Remove tool and die marks and stretch lines, or blend into finish.

C. Frame Anchors: Same material as door face.

D. Inserts, Bolts, and Anchor Fasteners: Hot-dip galvanized steel according to ASTM A153/A153M or ASTM F2329.

2.3 FABRICATION

A. Metal Surfaces: For metal surfaces exposed to view in the completed Work, provide materials with smooth, flat surfaces without blemishes. Do not use materials with exposed pitting, seam marks, roller marks, rolled trade names, or roughness.

B. Doors and Frames: Grind exposed welds smooth and flush with adjacent surfaces. Furnish mounting holes, attachment devices and fasteners of type required to secure access doors to types of supports indicated.

C. Latch and Lock Hardware:

1. Quantity: Furnish number of latches and locks required to hold doors tightly closed.
2. Keys: Furnish two keys per lock and key all locks alike.

2.4 FINISHES

A. Factory Primed: Apply manufacturer's standard, lead- and chromate-free, universal primer immediately after surface preparation and pretreatment.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Comply with manufacturer's written instructions for installing access doors and frames.

B. Adjust doors and hardware, after installation, for proper operation.

3.2 FIELD QUALITY CONTROL

A. Repair or remove and replace installations where inspections indicate that they do not comply with specified requirements.

B. Reinspect repaired or replaced installations to determine if replaced or repaired door assembly installations comply with specified requirements.

END OF SECTION 083113