

PART 1 GENERAL

1.1 Section Includes

- .1 Supply and installation of screens louvres and vents to roofs, walls and doors (as per drawings).

1.2 Related Sections

- .1 Sealants Section 079200.
- .2 Mechanical Divisions 22-23.

1.3 Submittals

- .1 Submit shop drawings in accordance with Section 013300.
- .2 Clearly indicate fabrication and erection details, including anchorage, accessories, electrical connections and finishes.

PART 2 PRODUCTS

2.1 Materials

- .1 Aluminum extrusions: Aluminum Associations ally AA6006-T5.
 - .1 Provide mechanical, chemical and anodic finished in accordance with Aluminum Association Designation System for Aluminum Finishes to match cladding.
 - .2 Appearance and properties of anodized finishes designated by Aluminum Association as Architectural Class 1, Architectural Class 2, and Protective and Decorative category, shall meet requirements of CGSB 63-GP-2M paragraphs 5.13 and 15.13.1, classes 1, 2, and 3 respectively.
- .2 Solder: to ASTM B32-76, 50% tin and 50% lead.
- .3 Flux: rosin, cut muriatic acid, or commercial preparation suitable for materials to be soldered.
- .4 Nails and fasteners: same material as fabricated items.
- .5 Primer: to CGSB 1-GP-121M for aluminum CGSB 1-GP-178M for galvanized steel sheet metal.

2.2 Prefinished Steel Sheet

- .1 Finish galvanized steel sheet with factory applied coating to CGSB 93-GP-3M amended as follows:
 - .1 Class F1S.
 - .2 Color selected by Architect from manufacturer's standard range.

2.3 Screens

- .1 Insect screens: 0.3 mm diameter aluminum wire 18 x 14 mesh with 60 % free area, secured to aluminum frame.
- .2 Birdscreens: Crimped aluminum wire cloth secured to 2 mm thick extruded aluminum frame mitered at corners and secured with corner locks 50 x 50 size mech, dia. wire with 60% free area.

2.4 Extruded Aluminum Louvers

- .1 Construct louvers from aluminum extrusions of minimum 3 mm thickness.
- .2 Arrange blades, mullions and frame extensions as indicated.
- .3 Assemble louvers by heliarc welding to CSA S244-1969 bolting riveting.
- .4 Complete louver assembly to have 50% free area.
- .5 Attach insect screen to inside face of louver.

2.5 Adjustable Louvers

- .1 Construct adjustable louvers from aluminum extrusions of minimum 3 mm thickness.
- .2 Arrange blades, mullions and frame extrusions as indicated.
- .3 Center pivot stormproof type blades with two reinforcing bosses with pinions operating in self lubricating nylon bearings.

- .4 Arrange blades to be operated by concealed drive arms at each jamb. Connect drive arms by torsion bars operating in nylon bearings.
- .5 Equip louver blades and sills with vinyl gasket weatherseals. Rivet vinyl gaskets to ends to louver blades to provide jamb weatherseal.
- .6 Assemble louver fixed parts by riveting.
- .7 Compete louver assembly to have 55% free area when in open position.
- .8 Attach insect screen to inside face of louver.

PART 3 EXECUTION

3.1 Installation

- .1 Install louvers and vents where indicated.
- .2 Follow procedures in manufacturer's recommended installation instructions.
- .3 Adjust louvers so moving parts operate smoothly.
- .4 Repair damage to louvers and vents to match original finish.

END OF SECTION

PART 1 GENERAL

1.1 Scope

- .1 Requirements of the Conditions of the Contract and of Division 1 of these Specification Sections apply to all work of this Section.

1.2 Extent of Work

- .1 Provide all miscellaneous specialties as specified herein and as indicated on the drawings.

1.3 Related Work (In Other Sections)

- .1 Gypsum Board Assemblies - Section 092900.

PART 2 PRODUCTS

2.1 Miscellaneous Specialty Products

.1 Fire Extinguishers

- .1 Provide (2) fire extinguishers including wall-mounting brackets. Verify location with Owner

.2 Bollard Sleeves

- .1 Provide full height bollard sleeves at interior and exterior pipe bollards. See Division 5, Section "Metal Fabrication".
- .2 Colors: Exterior - Safety Yellow; unless otherwise noted.
- .3 Manufacturer (basis of design): Ideal Shield, 2525 Clark Street, P. O. Box 09210, Detroit, Mi. 48209-1355; Ph 1-313-842-7290; fax: 1-313-849-1646; Email: info@idealshield.com; www.idealshield.com;

PART 3 EXECUTION

3.1 General

- .1 Install all miscellaneous specialties per manufacturer's recommendations and as indicated on the drawings.

END OF SECTION