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Extruded Aluminum Sunshades

Refer to:

- 08625/Dit for ACRYLIC WALKWAY COVERS
- 10530/Dit for EXTRUDED ALUMINUM WALKWAY COVERS

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Photography By Scott Kimbrell





Front cover photo

- The Celebration School
- Celebration, Florida
- Schenkel Shultz • Architect



- Heart of Florida
- Davenport, Florida
- Helman Hurley Charvat Peacock • Architect

- Celebration Service Center
- Celebration, Florida
- Wakefield Beasley & Associates • Architect

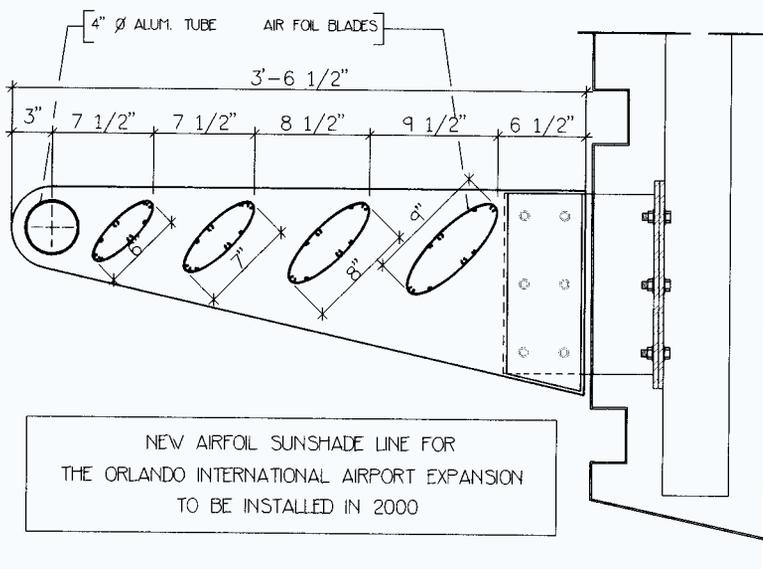
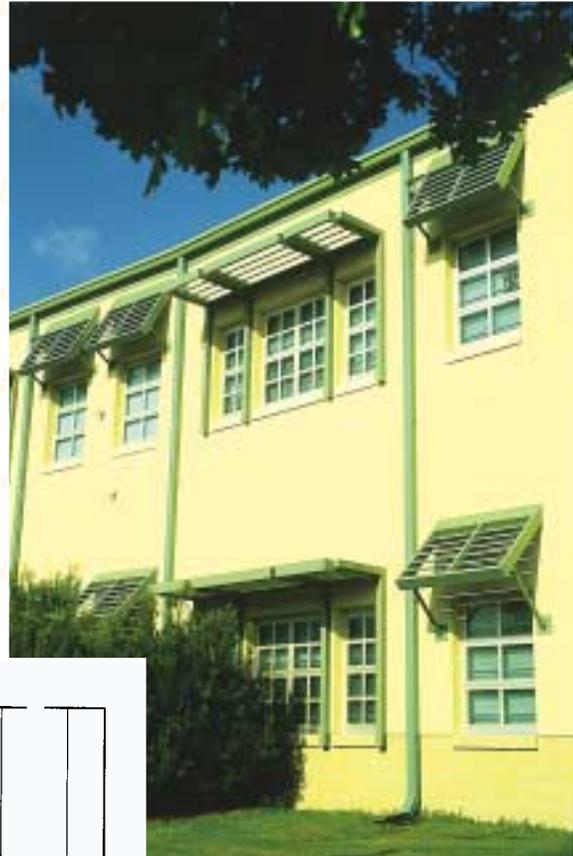


- The Celebration School
- Celebration, Florida
- Schenkel Shultz • Architect

- Celebration Hotel
- Celebration, Florida
- Lindsay, Pope, Brayfield & Associates • Architect



- The Celebration School
- Celebration, Florida
- Schenkel Shultz • Architect



- Orlando International Airport
- Orlando, Florida
- HOK • Architect

Extruded Aluminum Louvers/Sunshade Devices

GENERAL

1.1 Description

A. Related work specified elsewhere:

1. Concrete Section _____
2. Sheet metal work Section _____

B. Work included in this section:

The extent of the extruded aluminum louver system is shown on the contract drawings and hereby defined to include all louvers/sunshade devices of the type shown and specified herein.

1.2 Industry Standard

A. Reference:

Products and executions are specified in this section by reference to the following industry and/or trade specifications or standards of the following:

National Association of Architectural Metal Manufacturers (NAAMM), The Aluminum Associates, Inc. (AA)

1.3 Qualifications

A. Manufacturers

1. Standard:

For the purpose of designation type and quality for the work under this section, drawings and specifications are based on the products manufactured by Dittmer Architectural Aluminum, 1006 Shepard Road, Winter Springs, Florida 407.699.1755, 407.695.4430 (fax), 800.822.1755 & www.ditt-deck.com

2. Acceptable Manufacturers:

Subject to compliance with these specifications, products as manufactured by:

Airlite Company Airstream Louvers C/S LouverForms

Other manufacturers may bid only after written approval of the architect, obtained 10 days prior to bid opening and issued by addendum. Interested manufacturers must furnish full details of proposed product, engineering calculations on all sections involved, physical samples of all shapes and finishes, a list of installations similar in size and design, and must have a minimum of five years experience in manufacturing and installing extruded aluminum louver systems.

1.4 Submittals

A. Shop Drawings:

Submit for architect's approval prior to commencement of any work or fabrication under this section, _____ sets of detail shop drawings showing all areas of work: profiles and sections of all components, finishes and fastening details.

B. Guarantees:

The work in this section shall be guaranteed against defects in material and workmanship for a period of one (1) year from date of acceptance of the building. Contractor shall replace and repair any defects at no cost to the owner.

1.5 Product Handling

A. Shipping and Handling:

Delivery to be made by manufacturer's own truck to prevent damage.

PRODUCTS

2.1 Materials:

All sections shall be 6063 alloy, heat-treated to a T-6 temper. Louvers, heads, sills and jambs shall be as detailed on the contract drawings. All sections to have intergral caulking slot and retaining bead. All fasteners to be stainless steel or aluminum. Structural supports to be designed by the louver manufacturer to carry a wind load of not less than 20 pounds (or other required loading) per square foot (957 pascals).

2.2 Finish:

All extruded aluminum components shall be clear anodize per Aluminum Association Specification AA-M-10C-22A-21 or bronze, amber or black anodize per AA-M-10C-22A-42. Painted finish shall consist of baked acrylic enamel, for maximum chalk and fade resistance, over chromate conversion pretreatment.

EXECUTION

3.1 Field Dimensions:

General contractor shall field confirm openings and elevations as shown on shop drawings prior to fabrication.

3.2 Erection:

Manufacturer's factory trained installer or authorized installer shall be scheduled to erect after all adjacent painting, roofing and masonry have been completed. Butt and miter joints shall be executed in a workmanship manner.

PROTECTION

4.1 Protection:

Exercise care in handling and installation to prevent scratching or marring of the finish. Any sections that are scratched are to be touched up. If damage cannot be repaired in an acceptable manner, components will be replaced with no cost to the owner. Advise contractor of protection and surveillance procedures, as required to ensure that work of this section will be without damage or deterioration at time of substantial completion.



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