

SECTION 10532

WALKWAY COVERS

PART 1 GENERAL

1.01 SUMMARY

A. Related Sections:

1. 02200 - Earthwork.
2. 02511 - Asphaltic Concrete Paving.
3. 02529 - Concrete Sidewalks, Straight Curbs, Curbs, Gutters, and Wheel Stops.
4. 03300 - Cast-In-Place Concrete.
5. 05500 - Metal Fabrications.
6. 07600 - Flashing and Sheet Metal.

1.02 SUBMITTALS

A. Submit properly identified manufacturer's product data and descriptive literature before starting work.

B. Shop Drawings:

1. Submit shop drawings for review, showing fabrication details, roof water drainage details, erection details, anchorage details, and building connection and flashing details.

C. Engineering Design Computations:

1. Submit for record purposes, signed and sealed computations prepared by a Florida registered professional engineer showing conformance to the applicable requirements of the:

- a. Florida Building Code (FBC).
- b. State Requirements for Educational Facilities - 1999 (SREF).
- c. American Society of Civil Engineers (ASCE) 7-98.

- 1) Determine wind velocity pressure values for the specific project according to ASCE 7-98 using a wind speed of 146 mph, exposure category "C", and a wind load importance factor of 1.15.

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PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Aluminum Walkway Covers:

1. Aluminum Design Concepts, Inc., Austell, GA.
2. Dittmer Architectural Aluminum, Winter Springs, FL.
3. Elite Aluminum, Ft. Lauderdale, FL.
4. E.L. Burns Company, Inc., Shreveport, LA.
5. Mapes Industries, Inc., Lincoln, NE.
6. Nelson Adams, Miami, FL.
7. Peachtree Protective Covers, Inc., Kennesaw, GA.
8. Perfection Architectural Systems, Winter Park, FL.
9. Protechtal, Odessa, FL.
10. Seaview Industries, Miami, FL.

B. Provide canopy roof components in anodized colors standard to the manufacturer.

1. Color selection will be made by A/E from manufacturer's standard color selection.

2.02 FABRICATION

A. Fabricate the canopy roof system according to the attached Detail Sheets dated _____ and identified as follows:

- Detail Sheet 1 of 4 - Partial Site Plan.
" " 2 of 4 - Typical Canopy Detail with Integral Gutters and Downspouts.
" " 3 of 4 - Typical Column Footing Section.
" " 4 of 4 - Concrete Slab on Grade Thickened Edge.

PART 3 EXECUTION

3.01 INSPECTION

A. Do not proceed with the work of this section until conditions detrimental to the proper and timely completion of the work have been corrected in an acceptable manner.

3.02 INSTALLATION

A. Install prefabricated canopy roof system plumb, true, and

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level according to manufacturer's recommendations and accepted shop drawings.

1. The Contractor shall install all prefabricated parts or assembly systems using tamper proof fasteners.
 2. Repair or replace damaged components at no cost to the Board.
- B. Coordinate connection to storm drain system as shown on construction documents.

END OF SECTION