

**SECTION VIEW OF CANOPY** 

# Section 107300 - Aluminum Walkway Covers 1.01 General Description of Work:

- A. Work in this section shall include design and fabrication of pre-engineered aluminum canopies.
- B. Canopies are to be fabricated and installed according to approved shop drawings.

### 1.02 Design Criteria:

- A. International Building Code 2015 B. ASCE 7-10
- C. Aluminum Design Manual 2015 D. Local governing codes and standards for site location

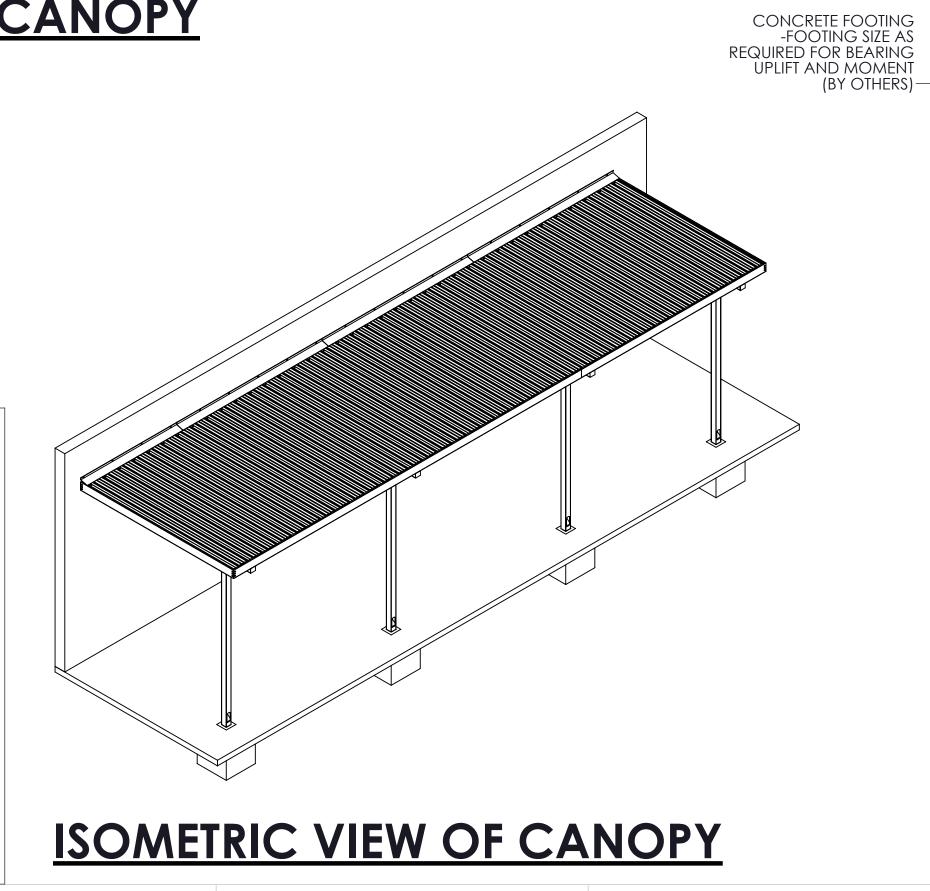
- A. All materials shall be extruded from aluminum unless indicated otherwise on the drawing.
- B. Material sizes shall meet or exceed the design criteria on 1.02

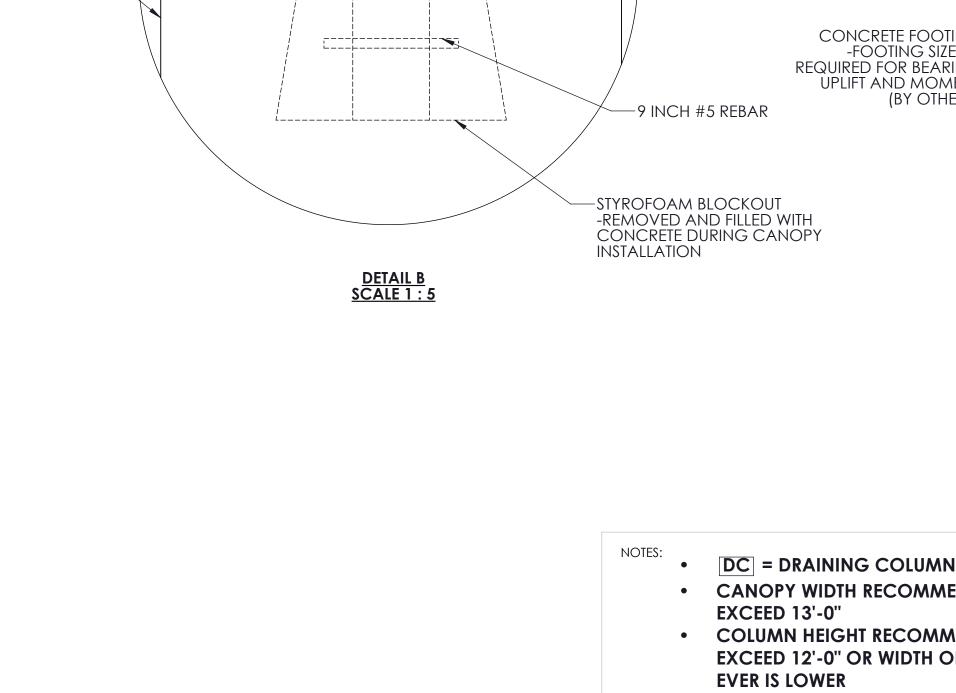
- A. Factory applied baked enamel to comply with AAMA 2603
- B. Color selected from manufacturers standard colors

## 1.05 Manufacturers:

A. Mitchell Metals, LLC -www.mitchellmetals.net - 770-431-7300

B. Dittmer - www.dittdeck.com - 407-699-1755 C. See Specifications 2.1-C for conditions of equivalent systems by other manufacturers.





-SEALANT

(CONTINUOUS)

/-.040" FLASHING

-BEAM

WALL FASTENER BRACKET

-AS REQUIRED PER

WALL CONDITIONS -2 PER WALL-MOUNTED

-DEFLECTOR PLATE

-ALUMINUM RIVET

-EXTRUDED

CORNER SET

-#12 X 1" SS SCREW

-USED FOR INSTALLATION

OF CANOPY DECKING

-1/4-20 x 1-1/2" SS SCREW

FRAMING CONNECTIONS

USED FOR CANOPY

GUTTER-

COLUMN-

BEAN-

WELDED COLUMN

BRACKET:

FLASHING SCREWS @ 2'-0" O.C. MAX

(TEK 5 OR TAPCON

WALL FASTENER

GUTTER-WALL CONNECTIONS-

-AS REQUIRED PER

WALL CONDITIONS

-@2'-0" O.C. ALONG

**ALUMINUM RIVET** 

INSIDE

0.5" WELDED BRACKET FOR WALL CONNECTION—

CONCRETE SLAB (BY OTHERS)-

-10 PER CORNER SET, 6 PER OUTSIDE, 4 PER AS PER WALL CONDITIONS)-

DEFLECTOR PLATE
-SEAL TO INTERIOR
OF COLUMN— ALUMINUM RIVET--CONCRETE SLAB (BY OTHERS) 9 INCH #5 REBAR-CONCRETE FOOTING
-FOOTING SIZE AS
REQUIRED FOR BEARING
UPLIFT AND MOMENT
(BY OTHERS)— -STYROFOAM BLOCKOUT
-REMOVED AND FILLED WITH
CONCRETE DURING CANOPY
INSTALLATION DETAIL C SCALE 1 : 5

DETAIL C SCALE 1 : 5



- CANOPY WIDTH RECOMMENDED NOT TO
- COLUMN HEIGHT RECOMMENDED NOT TO EXCEED 12'-0" OR WIDTH OF CANOPY, WHICH
- ALL FASTENERS TO BE 300 SERIES STAINLESS STEEL OR ALUMINUM

WALKWAY CANOPIES

COVERED

JOB NAME:

-#12 X 1" SS SCREW
-USED FOR INSTALLATION
OF CANOPY DECKING

-ALUMINUM RIVET

-10 PER CORNER

4 PER INSIDE

-EXTRUDED

BEAM BRACKET

- 1/4-20 x 1-1/2" SS SCREW USED FOR CANOPY FRAMING CONNECTIONS

SET, 6 PER OUTSIDE,

-CORNER

WALL-ATTACHED BEAM WALKWAY CANOPY

REVISION #:

STAMP

DATE: 9/13/2017 SHEET **1** OF **1**