

D8 Products, Inc.

T-Bracket Canopy

Part 1: General

1.1 Description of Work

A. Work in this section includes fabrication and installation of extruded aluminum concealed support style canopies as manufactured by D8 Products, Inc.

B. Related Items and Considerations

- 1. Flashing of various designs are not required for our products.**
- 2. Determine wall construction, make-up and thickness.**
- 3. Advise on wall condition to carry canopy engineered load per design.**
- 4. Consider water drainage away from canopy where necessary.**

1.2 Quality Assurance

A. Products meet or exceed these specifications established. High standard of quality required as manufactured by D8 Products, Inc., Frederic, WI, 715-327-4660

1.3 Field Measurement

- A. Confirm dimensions prior to preparation of shop drawings when possible.**
- B. Supply manufacturer's standard literature and specifications for canopies.**
- C. Submit shop drawings showing structural component locations/positions, material dimensions and details of construction and assembly.**

1.4 Performance Requirements

- A. Canopy will conform to local building codes.**
- B. Determine if specific load requirements have been established for canopies and if stamped calculations are required for location in which canopy is installed.**
- C. The canopy must handle the minimum PSF live load for regional conditions.**

1.5 Deliver, Storage, Handling

- A. Deliver all components when needed by factory trucks.**

Part 2: Products

2.1 Manufacturer

D8 Products, Inc.
409 S. Wisconsin Avenue
Frederic, WI 54837
715-327-4660
d8products.com

2.2 Materials

- A. Patented T-Bracket concealed support system.**
- B. Infill panels to be minimum 0.050" thickness with finished underside.**
- C. Outside framing shall be 2" x 8" x 0.125" tube, alloy 6063-T6.**
- D. Optional color matched soffit with lighting cutouts as needed.**

2.3 Drainage

- A. Sloped "0.050 thick aluminum infill panel to drain water into front fascia, allowing canopy frame to be level.**
- B. Patented internal gutter sloped within front fascia to route water away from high traffic areas, keeping customers dry, and reducing slipping hazards.**
- C. Optional color matched downspout to drop water at ground level.**

2.4 Finishes

- A. Standard finishes are powder coated in house with polyester resin materials meeting AAMA 2604 standards.**
- B. Optional finishes include: anodized aluminum, standard 2 coat kynar, and designer finishes (i.e. wood grain)**

2.5 Fabrication

- A. All connections shall be mechanically assembled utilizing 3/16" fasteners with a minimum shear stress of 350 lb. Pre-welded or factory-welded connections are to follow ANSI Std Z49.1. Assemblies will be manufactured as single units up to 30 ft in length. No on-site fabrication is required.**

Part 3: Execution

3.1 Inspection

- A. Confirm that surrounding area is ready for the canopy installation.**
- B. D8 Products shall confirm dimensions and elevations to be as shown on drawings provided.**
- C. Erection shall be performed by an approved installer or D8 Products installation crew and scheduled after all concrete, masonry, and roofing in the area is completed.**
- D. Multiple convenience options are available.**

3.2 Installation

- A. Installation shall be in strict accordance with manufacturer's shop drawings.**
- B. Particular attention and factory applied precautions given to protecting the finish during handling and erection.**
- C. All units are caulked to the building.**

3.3 After Installation

- A. The entire system shall be left in a clean condition with all wrap materials removed and disposed of.**