

THIS IS ONLY A SAMPLE SPECIFICATION AND/OR DRAWING. WE URGE YOU TO DISCUSS YOUR PROJECT WITH A B.I.G. SALES PERSON TO INSURE THIS SAMPLE SPEC, AND/OR DRAWING MEETS YOUR NEEDS AND TO VERIFY ALL CODES WHERE YOUR UNIT WILL BE INSTALLED ARE ACCURATELY IDENTIFIED IN THE DRAWING, AND/OR SPEC.

## SECTION 13046

### **B.I.G. Booth: The Wedge**

#### **PART 1 – GENERAL**

##### **1.01 SUMMARY**

Provide all labor, equipment and materials to furnish one prefabricated steel Security Guard Booth.

##### **1.02 RELATED WORK SPECIFIED ELSEWHERE**

- A. Electrical service supply and connection.
- B. Site/foundation work.
- C. Unloading, placement, installation and anchoring.
- D. Plumbing & piping (if required).

##### **1.3 SUBMITTALS**

- A. Upon award of order, manufacturer shall prepare and submit shop drawings for each different building required for this project. Drawings shall include elevations, section, floor plan, electric schedule, service entrance locations, and anchor clip detail.

##### **1.4 QUALITY ASSURANCE**

- A. Structures shall be the product of a manufacturer with a minimum of 20 years-documented experience in the design and fabrication of portable steel buildings.
- B. Prefabricated buildings by manufacturers other than the one approved shall submit sufficient data to enable approval to be given. As a minimum: design drawings and/or calculations, applicable certifications, catalog information, and color samples showing equal range of variety.
- C. Design loads: Live Loads: Per requirements for the installation location. Unit to be manufactured to be in full compliance with the State Regulations for Pre-Fab Modular structures if applicable to the State where the unit is being delivered.

#### **PART 2 - PRODUCTS**

##### **2.1 MANUFACTURERS**

- A. Products of the following manufacturer from the basis for design and quality intended.
  - 1. B.I.G. Enterprises, Inc. South El Monte CA. 800-669-1449, The Wedge Style.
- B. Or equal as approved in accordance with Section 01600 for Substitutions.

## **2.2 STRUCTURE**

- A. Prefabricated steel building shall be single unit welded construction. Building to be shipped completely assembled. All welds ground smooth. Base dimensions to be specified by customer.
- B. 2" x 2" x .083" cold drawn electro welded structural mechanical steel tube frames.

## **2.3 WALLS**

- A. 16ga galvanized steel interior and exterior walls. Wall panels will have R-10 exterior continuous insulation encapsulated in the 16ga. galvanized steel wall exterior wall.

## **2.4 BASE AND FLOOR**

- A. 12ga. Galvanized steel plate floor covered with black polyvinyl chloride commercial resilient textured 20" x 20" inter locking tiles and 4" high black base cove, floor system is welded to a 2" galvanized steel tube frame and joists.

## **2.5 DOOR**

- A. Unit to have one commercial steel framed insulated slide door top hung by eight 2 1/4" rigid steel ball bearing rollers with a lower stainless steel guide, stainless steel pull handles welded to the frame, mortise lock and window.

## **2.6 WINDOWS**

- A. 16ga. galvanized steel window frame system with flush mounted corners and welded fastening. Unit to have fixed windows on all sides, all windows glazed with 3/4" tinted tempered dual pane insulating glass, corners to be butt glazed.

## **2.7 ROOF**

- A. Roof surface shall be 16-gauge galvanized steel welded to the roof joists. Roof seams shall be caulked and the roof surface to be primed and painted. Roof shall have a 12" overhang on three sides and 36" overhang on the door side. Fascia sides to angle out and the soffit above the door to have a Architectural Wedge. Roof structure to be insulated to R-19 minimum. Roof to have removable lifting eyes.

## **2.8 COUNTER**

- A. Booth to have a 22" deep full width galvanized steel shelf at the front wall. Shelf mounted at 34" A.F.F and painted to match the booth color.

## **2.9 ELECTRICAL**

- A. Load Center shall be 125 Amp 120/240 volt, single phase, 3 wire 12 pole. Three duplex outlets mounted under the shelf, two 1' x 4' T-8 fluorescent lights recessed in a 16ga. galvanized steel ceiling painted to match booth interior with single pole wall switch, Through the wall mounted air conditioner with 14,600 BTU cooling and 5KW electric heat strip. HVAC to be mounted in a painted steel shroud recessed inside the booth with Architectural Louver Grill.

## **WEATHER PROOFING**

- A. Weather-tight for exterior use. All seams and joints pressure bonderized. All openings fully weather stripped. Roof shall have heat protective membrane coating.

## **PART 3 - EXECUTION**

### **3.1 GENERAL**

- A. Install prefabricated buildings on flat and level concrete pad in accordance with the manufacturer's recommendations and placement drawings. Position units over utility stub-ups, verify building is level and anchor.

### **3.2 INSTALLATION**

- A. Units shall be shipped fully assembled, fully wired, fully glazed and thoroughly painted.
- A. Position units over electrical stub-up on level pad. Drill and set expansion type anchor bolts.
- B. Connect power and seal around edges where the floor base meets the concrete pad.

**END OF SECTION**



**800-669-1449**