

## **Heavy Duty Monitoring Site Building** **Minimum Specifications**

### **1) General building specifications:**

- a) The building must be 8' width (8.5' max) X 10' length or longer in dimensions and must be in NEW condition.
- b) The construction of the building must be of at least 14 gauge steel. Any large cargo doors are to be welded shut.
- c) The building must be painted grey or white using marine grade paint, capable of maintaining its integrity when subjected to saltwater for long durations.
- d) Roof of building must be sealed using cool roof coating to seal and radiate heat from building. (example: Henrys' brand or better)
- e) Floor must be sealed and finished with epoxy coating
- f) Building must have steel ladder welded to exterior. Ladder must have 4 rungs or more with standard 12" spacing.

### **2) Door and window construction:**

- a) The building must have at least an 18 gauge steel door with lockbox. Lockbox must protect key type lock from theft.
- b) The door must have at least a 16 gauge door jamb with 2"x3"x3/16" angle gutter.
- c) The door must open to the outside.
- d) The window must consist of 32"x36" single pane or better aluminum window mounted to 4"x2"x1/8"sq tube frame. There must be a steel guard surrounding the window that consists of at least 1"x1"x1/8" bars,

and 5 bars spaced 4 ½” apart with a 2’x3’x3/16” angle gutter at bottom of window. Bar connection points are fully welded.

**3) AC Unit:**

- a) Building must be equipped with AC unit that is capable in size of cooling the site building (12000 BTU or better).
- b) The AC will be protected by a steel guard of at least 2x2x1/8” angle frame with covering of expanded metal or equivalent.

**4) Electrical and Lighting:**

- a) The building will be equipped with 200 amp electrical service. Service breaker box will be located inside the building.
- b) Each wall will have at least (1) double duplex outlets for a total of 4 receptacles per wall with covers and all relevant materials completed (staples, covers, wire, etc.)
- c) Each outlet will have its own 30 amp service.
- d) Lighting must consist of (4) 4 foot wet-dry florescent lights, with 2 placed end to end and centered in ceiling.
- e) Electrical work must comply with NEC code.

**5) Internal Construction Specifications:**

- a) Internal construction must consist of 2”x4” on 2 foot center.
- b) Internal walls must be insulated with R13 insulation or better.
- c) Internal walls must consist of paneling that is resistant to termites and decay (example: Smartside brand or better).

d) 7' desk must be constructed with steel support and will be placed along end wall, opposite of door.

**6) Roof Platforms Specifications:**

a) 2 separate platforms with the dimensions of 4' length x 8' width x 1' height will be welded onto the building as per the attached diagram.

b) Each platform will be covered with sheet metal or expanded metal and will be able to support 500 pounds of personnel and equipment.

c) The supports will be constructed of angle iron or square tubing and be sufficient so that each platform can support the 500 pounds of personnel and equipment.