# **Architectural & Engineering Specifications**

### 1.0 **GENERAL DESCRIPTION**

The unit is designed to allow the end user to mount a dome camera directly above the pedestal and link the phone activation to the camera operation, model Overhead Camera Mount from Code Blue Corporation, no substitutions.

### 2.0 CONSTRUCTION

- The unit consists of three main components: camera mount pipe, mounting ring, and retaining ring. The overall height is 63.20" from the bottom of the retaining ring to the top of the camera mount pipe.
  - 2.1.1 The camera mount pipe is constructed from 1.50" Schedule 40 pipe. The mount pipe is bent 90 degrees where it attaches to the mounting ring and 180 degrees on the opposite end where the camera attaches. A 1.50" NPT thread is provided for attachment of the dome camera.
  - The mounting ring is constructed from 12.75" outside diameter x .25" thick ASTM 2.1.2 A500 seamless carbon steel structural tube. The mounting ring is 4" tall with a hole that allows the camera mount pipe to be welded on the inside and outside of the intersection.
  - The retaining ring is constructed from 12" outside diameter x .25" thick ASTM A500 2.1.3 seamless carbon steel structural tube. The retaining ring is 2.50" tall and protrudes from the mounting ring 1.50". The ring contains three ½-13 nuts for mounting hardware.

## **MOUNTING** 3.0

The overhead camera mount should be mounted directly to the top of the bollard and below any additional components such as: IP Wireless mounts, PAS components or Beacon/Strobe casting assemblies.

### 4.0 **FINISH**

- Four-coat paint process, with zinc-rich primer for corrosion resistance and baked-on 4.1 polyurethane enamel for maximum gloss and shine.
  - 4.1.1 Optional clear coating process available to provide additional environmental protection.
- 4.2 The unit shall be finished with a highly graffiti and UV resistant coating process.
- Substrate preparation shall be as required to comply with applicable ASTM impact and 4.3 adhesion standards: D2794 Direct and Reverse Impact, D523 Gloss @ 60 Degrees, D3359B Cross hatch Adhesion, D1654 Corrosion Creep, D714 Scribe Blisters and D714 Field Blisters.

Code Blue® ● 259 Hedcor Street ● Holland, MI 49423 USA ● 800.205.7186 ● www.codeblue.com

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- The finish shall be available in 7 standard colors: Safety Blue, Safety Red, Safety Yellow, Gloss White, Gloss Black, Dark Bronze and Bright Silver. Custom colors shall be available.
- Minimum coverage thickness of 2.0 mils.

## 5.0 WARRANTY

The Overhead Camera Mount shall be warrantied against any defects, under normal use, for a period of 2 years.

### 6.0 **MANUFACTURER**

6.1 The Manufacturer shall be Code Blue Corporation. 800-205-7186, 259 Hedcor Street, Holland, Michigan 49423. www.codeblue.com. THERE ARE NO EQUIVALENTS.