

# Architect and Engineering Specification

## **Model 234 Stanchion Assembly**

Provide freestanding tower, minimum 9'6" high, with mounting accommodations for an Emergency Telephone. Tower shall contain emergency blue strobe light, and, shall be coated with a durable finish that will not be adversely affected by outdoor weather conditions. Tower shall display the word EMERGENCY on upper four exterior surfaces and fasten to anchor bolts embedded in concrete footing. (Footings by others). Stanchion shall be UL 1598 listed for outdoor installations.

Tower shall be fabricated from 10" square steel tubing with 3/16" minimum wall thickness and be properly designed to the appropriate wind and load factors for the intended geographical area. The internal base plate to be minimum 1/2" thick steel, welded within the column and designed to accommodate 4- 3/4" anchor bolts. A 5"x 8" covered opening shall be located no higher than 8" from the base of stanchion to provide easy access to mounting and wiring connections. All visible hardware to be tamper-resistant requiring special tool for removal.

Tower to be finished with Graffiti Resistant, Polyester Powder Coating to enhance weatherability. Coating shall have High Impact Resistance and shall withstand 1,000 hr Salt Spray Test per ASTM 117B. Color shall be Architectural Bronze. (**Note:** Other colors available- Consult factory).

Emergency Phone panel area shall be illuminated by a 7 watt lamp contained within the tower structure. Internal conduit shall be provided to separate power and telephone cable. All electrical components shall be UL listed.

Tower shall provide suitable mounting accommodations for GAI-Tronics Model 297-series Single Button, or, Model 298-series Combination, Emergency Telephone, (specified separately).

Tower shall provide suitable mounting accommodations for GAI-Tronics Model 530-series Constant-On Beacon with Strobe. (specified separately)

The Tower and all components shall be warranted for one year from date of manufacture.

Telephone shall be designed and developed by the manufacturer.

Stanchion assembly shall be designed and developed by the manufacture

**GAI-Tronics Model 233** Installation Tool required

Telephone stanchion manufacturer shall be ISO Certified.

Manufactured in the U.S.A. No exceptions

Telephone manufacturer shall be ISO 9001 Certified.