

# MULTI-IMPACT ATTENUATOR

## IM-118



### Technical specifications

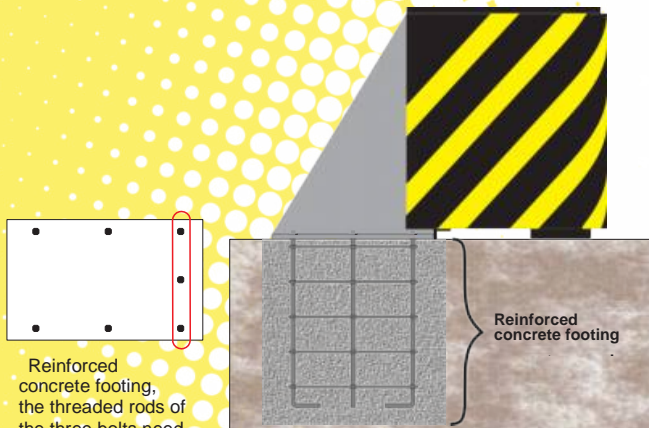
- \* **Impact attenuator:** Vitemflex® plates.
- \* **Support structure:** Steel plates.
- \* **Steel treatment:** Hot-dip galvanization.
- \* **Floor-anchoring:** Reinforced concrete footing with 1/2" rebar.
- \* **Reflectives:** Engineer Grade Prismatic (other grades of reflective upon request).
- \* **Measures:** Height: 2 ft 11 in./ 3 ft 3 in./4 ft 7 in.  
Width: 19.50 in.  
Length: 5 ft 4 in.

### Features

- This impact attenuator is designed to bear a large number of impacts without needing maintenance or replacement.
- It's composed of a flexible cushioning of Vitemflex® plates that have plates of different hardness, densities, and thickness. This combination achieves maximum cushioning, and the internal design creates cavities that work as airbags.
- It has a great cushioning effect that reduces damages at the time of impact.
- Support structure: Hot dipping galvanized steel sheet.
- Floor-anchoring with a concrete footing of 1/2" rebar.
- Double-function protection:
  - \* First and foremost, caring for people's safety by saving lives.
  - \* And secondly, the protection and conservation of sign posts, electrical wiring, bridges, columns, etc.
- It features a solar flashing lamp. It charges through direct sunlight: It works for 70 hours (flashing mode). Automatic: Lights up when it gets dark and it turns off during the day.
- Red LED.

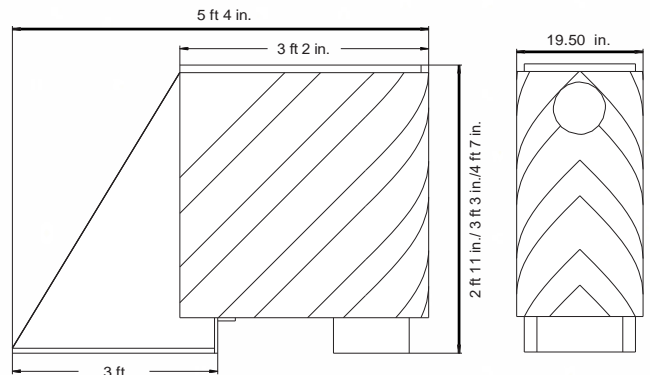
### INSTALLATION

- Dig a hole of approximately 2 ft 11 in. x 33.15 in. x 23.40 in.
- Put the structure making sure that the three bolts are placed correctly.
- Pour the reinforced concrete taking care that the threaded rods of the bolts stay outside so you can put the nuts over them.
- Seven 1" nuts, flat washers, and flat spring washers.



Reinforced concrete footing, the threaded rods of the three bolts need to be outside.

Floor-anchoring system



Volumes, dimensions, and other measures and may vary by approximately 2%.