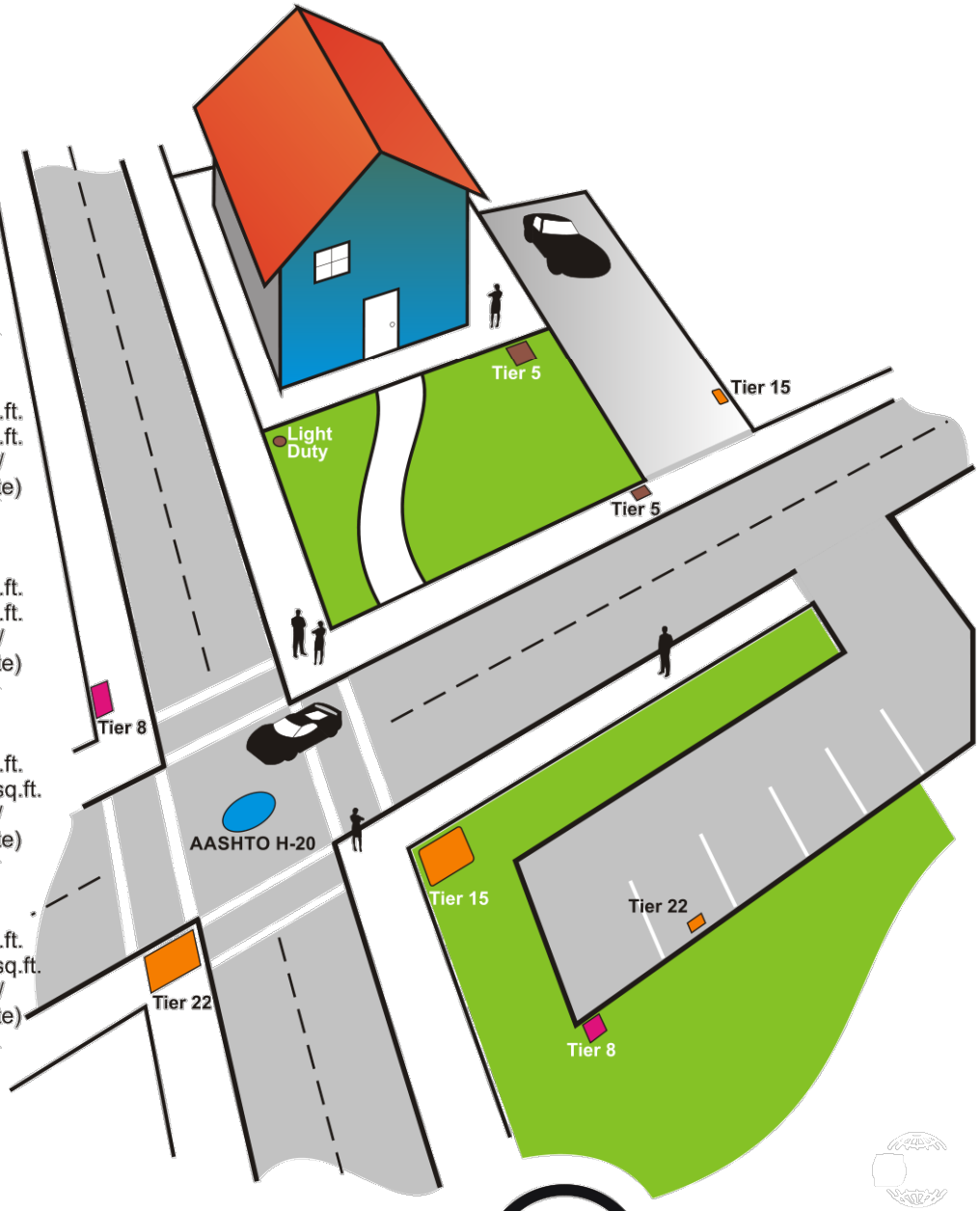
# General Installation Application Map
## ANSI/SCTE-77 2013 Specification

| APPLICATION | | LOADING REQUIREMENTS | | |
|---|---|---|---|---|
| **Light Duty**<br>Pedestrian Traffic Only | **Vertical** | Test Load | 13.3kN | 3,000 pounds |
| **TIER 5**<br>Sidewalk applications with a safety factor for occasional non-deliberate vehicular traffic. | **Vertical** | Design Load | 22.2kN | 5,000 pounds |
| | | Test Load | 33.3kN | 7,500 pounds |
| | **Lateral** | Design Load | 28.7kPa | 600 pounds/sq.ft. |
| | | Test Load | 43.1kPa | 900 pounds/sq.ft. (1800/2700 lbs/ lateral load plate) |
| **TIER 8**<br>Sidewalk applications with a safety factor for non-deliberate vehicular traffic. | **Vertical** | Design Load | 35.6kN | 8,000 pounds |
| | | Test Load | 53.4kN | 12,000 pounds |
| | **Lateral** | Design Load | 28.7kPa | 600 pounds/sq.ft. |
| | | Test Load | 43.1kPa | 900 pounds/sq.ft. (1800/2700 lbs/ lateral load plate) |
| **TIER 15**<br>Driveway, parking lot, and off-roadway applications subject to occasional non-deliberate heavy vehicular traffic | **Vertical** | Design Load | 66.7kN | 15,000 pounds |
| | | Test Load | 100.1kN | 22,500 pounds |
| | **Lateral** | Design Load | 34.3kPa | 800 pounds/sq.ft. |
| | | Test Load | 57.5kPa | 1,200 pounds/sq.ft. (2400/3600 lbs/ lateral load plate) |
| **TIER 22**<br>Driveway, parking lot and off-roadway applications subject to occasional non-deliberate heavy vehicular traffic | **Vertical** | Design Load | 100.1kN | 22,500 pounds |
| | | Test Load | 150.1kN | 33,750 pounds |
| | **Lateral** | Design Load | 38.3kPa | 800 pounds/sq.ft. |
| | | Test Load | 57.5kPa | 1,200 pounds/sq.ft. (2400/3600 lbs/ lateral load plate) |
| **AASHTO H-20**<br>Deliberate vehicular traffic application. | Certified precast concrete, cast iron, or AASHTO-recognized materials.<br>**Martin Enterprises does not manufacture enclosures that adhere to the AASHTO H-20 application. Martin Enterprises enclosures should NOT be utilized for this application.** | | | |




**Martin Enterprises manufactures Ground Level Utility Enclosures that are designed to meet SCTE-ANSI 77 Tier 5, 8, 15 and 22 specifications. Martin Enterprises Ground Level Utility Enclosures should NOT be installed in areas that will expose the product to deliberate or heavy vehicular traffic. Martin Enterprises does not take responsibility for product failure caused by Improper installation practices that do not meet industry standards. Certified precast concrete, cast iron or other AASHTO H10-44 or AASHTO H20-44 recognized materials should be used in deliberate or heavy vehicular traffic locations.**


*Martin Enterprises*

**UL Listed Products File# E351227**
**ISO 9001:2015 Registered Firm**
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