

# General Installation Application Map

## ANSI/SCTE-77 2013 Specification

### APPLICATION

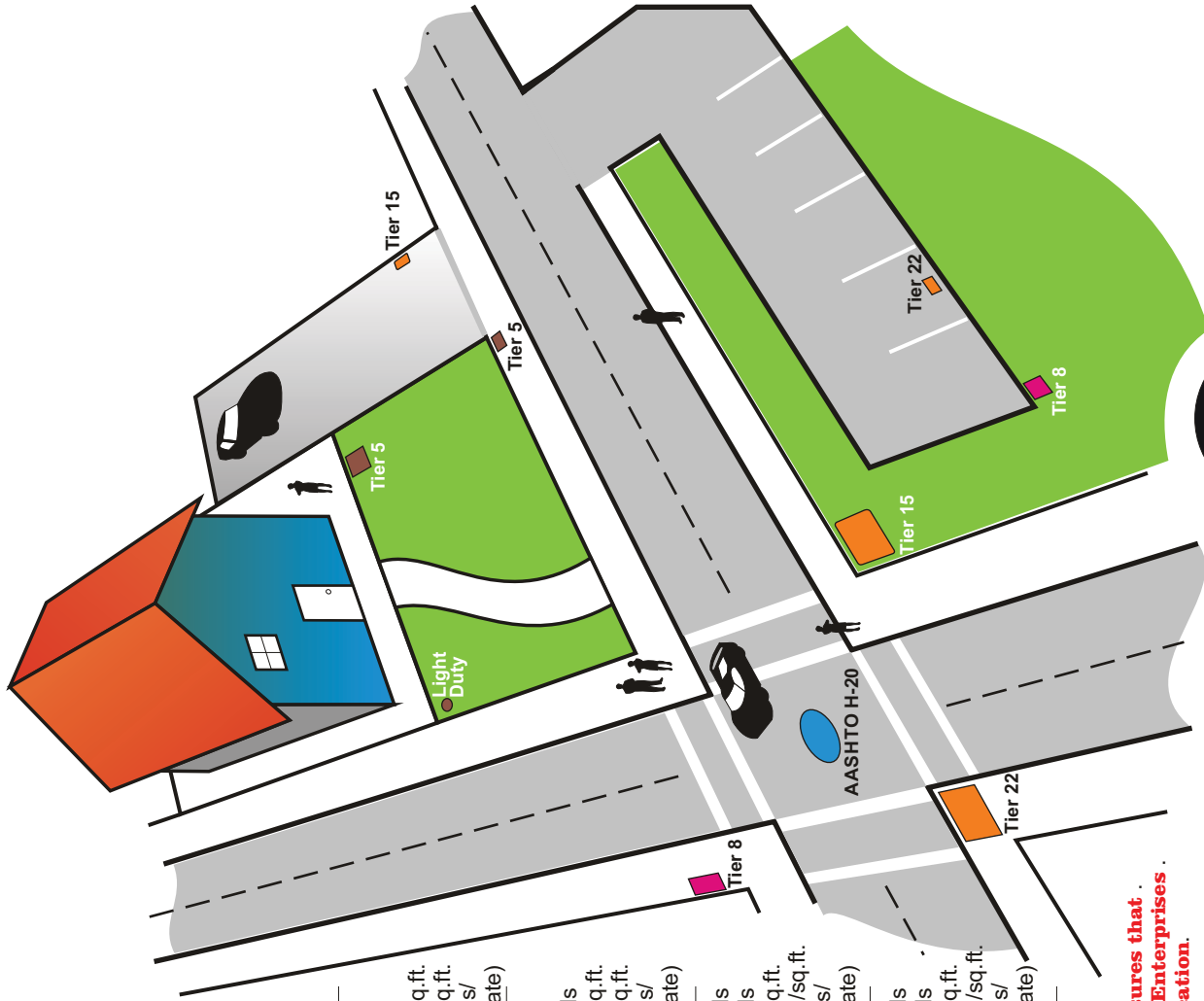
### LOADING REQUIREMENTS

APPLICATION	Vertical	Test Load	3,000 pounds
<b>Light Duty</b> Pedestrian Traffic Only	Vertical	Design Load	5,000 pounds
	Vertical	Test Load	7,500 pounds
<b>TIER 5</b> Sidewalk applications with a safety factor for occasional non-deliberate vehicular traffic.	Lateral	Design Load	600 pounds/sq.ft.
	Lateral	Test Load	900 pounds/sq.ft. (1800/2700 lbs/ lateral load plate)
<b>TIER 8</b> Sidewalk applications with a safety factor for non-deliberate vehicular traffic.	Vertical	Design Load	8,000 pounds
	Vertical	Test Load	12,000 pounds
	Lateral	Design Load	600 pounds/sq.ft.
	Lateral	Test Load	900 pounds/sq.ft. (1800/2700 lbs/ lateral load plate)
<b>TIER 15</b> Driveway, parking lot, and off-roadway applications subject to occasional non-deliberate heavy vehicular traffic	Vertical	Design Load	15,000 pounds
	Vertical	Test Load	22,500 pounds
	Lateral	Design Load	800 pounds/sq.ft.
	Lateral	Test Load	1,200 pounds/sq.ft. (2400/3600 lbs/ lateral load plate)
<b>TIER 22</b> Driveway, parking lot and off-roadway applications subject to occasional non-deliberate heavy vehicular traffic	Vertical	Design Load	22,500 pounds
	Vertical	Test Load	33,750 pounds
	Lateral	Design Load	800 pounds/sq.ft.
	Lateral	Test Load	1,200 pounds/sq.ft. (2400/3600 lbs/ lateral load plate)

**AASHTO H-20**  
Deliberate vehicular traffic application.

Certified precast concrete, cast iron, or AASHTO-recognized materials.  
**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**  
"Your Underground Enclosure Experts"

UL Listed Products File# E351227  
 ISO 9001:2008 Registered Firm  
 QuEST Forum / TL9000 Registered



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