



**TOWN OF AMHERST**

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## **VEHICLE IMPACT PROTECTION**

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*Ensures barriers or bollards are installed to safeguard critical equipment, structures, and areas from potential vehicle damage. These protective measures must meet design and placement standards to effectively prevent accidents and maintain safety.*

**312.1 General.** Vehicle impact protection required by this code shall be provided by posts that comply with Section 312.2 or by other *approved* physical barriers that comply with Section 312.3.

**312.2 Posts.** Guard posts shall comply with all of the following requirements:

1. Constructed of steel not less than 4 inches (102 mm) in diameter and concrete filled.
2. Spaced not more than 4 feet (1219 mm) between posts on center.  
**Exception:** Guard posts protecting an accessible electrical vehicle charging station are permitted to be spaced greater than 4 feet on center to accommodate accessibility while maintaining vehicle impact protection.
3. Set not less than 3 feet (914 mm) deep in a concrete footing of not less than a 15-inch (381 mm) diameter.
4. Set with the top of the posts not less than 3 feet (914 mm) above ground.
5. Located not less than 3 feet (914 mm) from the protected object.  
**Exception:** Guard posts protecting an electrical vehicle charging station are permitted to be located less than 3 feet from the charging station.

**312.3 Other barriers.** Barriers, other than posts specified in Section 312.2, that are designed to resist, deflect or visually deter vehicular impact commensurate with an anticipated impact scenario shall be permitted where *approved*.