



**Building Services**  
808 West Spokane Falls Blvd  
Spokane WA 99201-3343  
(509) 625-6300

**ME-06**  
**Protection from**  
**Vehicle Impact**

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Where required to protect mechanical appliances or gas piping in a residential garage from vehicle impact, the requirements of the International Fire Code (I.F.C) Section 312.1 will be followed.

I.F.C. 321.2 Posts:

1. Constructed of steel not less than 4" in diameter and concrete filled.
2. Spaced not more than 4' between posts on center.
3. Set not less than 3' deep in concrete footing of not less than 15" in diameter.
4. Set with the top of the post not less than 3' from the protected object.
5. Located not less than 3' from the protected object.

I.F.C. 312.3 Other Barriers.

Physical barriers shall be a minimum of 36" in height and shall resist a force of 12,000 pounds applied at 36" above the adjacent ground service.

References: International Fuel Gas Code 303.4  
International Residential Code M1307.3.1  
International Residential Code G2408.3  
International Mechanical Code 303.3