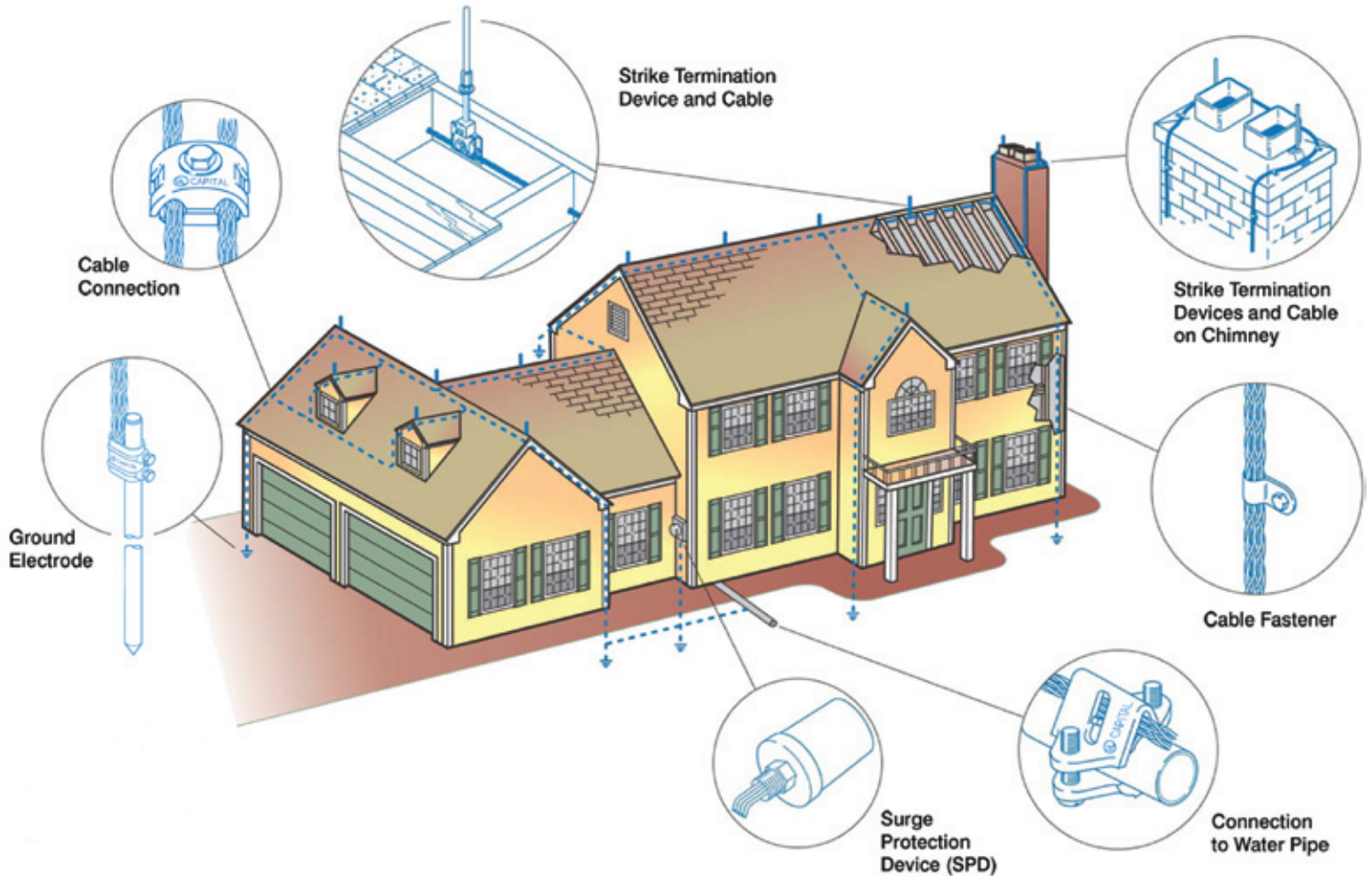


Typical Residential Lightning Protection System



The System

A lightning protection system performs a simple task. It provides a specified path on which lightning can travel. When a home is equipped with a lightning protection system, the destructive power of the lightning strike is directed safely into the ground, leaving the home, family members and personal belongings unharmed.

The Primary Components

A lightning protection system should include all of the following elements, which work together to prevent lightning damage.

- Strike termination devices (rods)
- Conductor (cable)
- Ground electrodes
- Surge suppression devices (SPD's)

Electronic Protection

Modern homes are especially vulnerable to the havoc that lightning can wreak on sensitive electronic equipment. To assure the highest level of protection, UL-listed lightning surge protection devices are installed on electrical service panels and other incoming lines. Surge protection devices (SPD's) are the first line of defense against harmful electrical surges that can enter a structure through power lines. For additional protection, UL-listed transient voltage surge suppression can be installed to protect specific electronic components. A qualified lightning protection specialist can make recommendations for surge protection that is tailored to your specific needs.

Quality Counts

It is essential that lightning protection systems are installed by trained, qualified lightning protection specialists. For quality assurance all materials and methods should comply with nationally recognized safety standards as established by Underwriters Laboratories and the National Fire Protection Association.

