

## SERVICE UPGRADE – 2010

### THE FOLLOWING IS REQUIRED IN CONJUNCTION WITH A SERVICE CHANGE:

- NEC 250.52(A)(1-7) 1. Supplemental grounding electrodes (2 at 8 ft long, 6 ft apart)  
Comm. 16.26 (2)
- NEC 250.68 (B) 2. Check any existing ground clamp to water service. Replace/Add as necessary.
- NEC 210.52 (B)(1) 3. Install two 20 amp small appliance circuits to kitchen if not there already.
- NEC210.8 (A)(6) 4. Any receptacles serving the kitchen counter top to be of the GFCI type.  
PMC 15-1-6 (C)(4)
- NEC 210.8 (A)(1) 5. Each bathroom to have a 20 amp, GFCI protected, individual branch NEC 210.52 (D) circuit receptacle.
- NEC 210.70(A)(1) 6. Bathroom Light to be wall switch operated, and not have a receptacle PMC 15-1-6 (C) (4) outlet over the sink.
- NEC 210.11 (C)(2) 7. A 20 amp laundry circuit.  
NEC 210.52 (F)
- NEC 422.12 8. A dedicated circuit to the furnace.
- NEC 110.22 9. Properly label panel.

**Note: Above reference 2008 NEC**

### **Re: Arch Fault and Tamper resistant installations based on Comm 16.003(4)**

#### **Arch Fault Breakers NEC 210.12**

- 1.) Service Change; NO
- 2.) Added “new” circuits; YES
- 3.) **Replacement** of breaker; NO
- 4.) Extending an **existing** circuit; NO

#### **Tamper Resistant outlets NEC 406.11**

- 1.) Replacement of old/existing outlet; NO
- 2.) Newly added receptacle outlet; YES