Electrical Requirements for Elevator Machinery Space (by G.C. / Owner / Other)  

**Elevator Controller**  
(With integral AC disconnects)  

**Left**  
- Light Fixture with Wall Switch  
- GFI Outlet  

**Right**  
- Light Power - 120 VAC  
- 20 Amp Circuit  
- (See Note 2)  
- Main Power - 240 VAC  
- 30 Amp Circuit  
- (See Note 1)  

**4” x 4” Junction Boxes Mounted to Machine Room Wall**  

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**By General Contractor / Owner**  

Each home elevator requires **five (5) items** from your Electrician and Telecommunications Contractor(s). They are as follows:

1. **Main Power** - 10/3 with Ground (min. 6”) Pigtail connected to house 30 Amp dedicated circuit  
2. **Cab Light Power** - 12/2 with Ground (min. 6”) Pigtail connected to house 20 Amp dedicated circuit  
3. **One (1) GFI Outlet.**  
4. **One (1) Light Fixture** (with protective cover over bulb) with wall switch.  
5. **One (1) Live Land Based Phone Line** with pigtail (10'-0” Min.) per code.

**PLEASE BE ADVISED THAT POWER ON THE 240 VAC LINE MUST BE A 10-3 WIRE WITH A GROUND AND INSURE THERE IS A DEDICATED NEUTRAL TO THE UNIT.**  
Explanation: The 240 VAC feed should have a black, red, white and ground wire coming to the machine room. All electrical contractors will have full knowledge of this requirement. Simply insure they are aware of the requirement. Black and red are powered with 120 VAC, each totaling 240 VAC. White is neutral. Ground to ground standard. Also, standard telephone line should be pulled to machine room with approximately ten feet extra length inside machine room. If further explanation or clarification is needed, please contact your local sales representative.

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**Elevator Electrical Requirements**

**Hydraulic Application**

- **Elevator & Hoistway**
- **Machine Room**
- **Controller**
- **Hydraulic Power Unit**
- **GFI Outlet**
- **Main Power (4” x 4” Box)**
- **Cab Light Power (4” x 4” Box)**
- **Room Light and Switch**

**Traction Application**

- **Elevator & Hoistway**
- **Controller**
- **GFI Outlet**
- **Main Power (4” x 4” Box)**
- **Cab Light Power (4” x 4” Box)**
- **Room Light and Switch**

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