

Township of Livingston **Homeowner Checklist**

If you are submitting an application to do your own electrical work you must provide the following:

1. Two detailed drawings showing all of the following:
 - a. Size of conductors to be used for each circuit (14, 12, 10 awg, etc)
 - b. Type of wiring method being used (romex, MC, BX, service cable, etc)
 - c. Overcurrent protection rating for each circuit. (15, 20, 30, 40 amp, etc)
 - d. A complete circuit layout (show lines depicting conductors between each receptacle, switch, and or lighting fixture being installed.)
 - e. Locations of receptacles, switches, fixtures, and other devices to be installed as part of your project.
 - f. Show size(s) (cubic inch capacity) and type of box(es)(plastic or metal) used at each fixture, switch, or receptacle location.
 - g. Show GFI protection where required by section 210.8 of code and/or UL installation requirements.
 - h. Make sure "Homeowner section" of the folder is completed and signed.
 - i. Provide minimum / maximum overcurrent protection device ratings found on A/C data plate.
 - j. You must show arc-fault protection for all circuit as required by section 210.12 of the National Electrical Code (NEC).
- Note: All metallic boxes must be grounded in accordance with section 250.148 and 250.8 of the national electrical code.

If installing a service or subpanel:

1. Two detailed drawings showing:
 - a. Location of panel with all clearances and dedicated space requirements being met.
 - b. Size and type of cable or pipe and conductors being used for installation.
 - c. All grounding and bonding connections and terminations.
 - d. Size and type (copper or aluminum) of all bonding and grounding electrode conductors.
 - e. Meter location and clearances.
 - f. Cable or conduit support.
 - g. Ampere rating of panel box or service panel.
 - h. Guy wire if mast is installed.
 - i. Ground rod, footing ground or other grounding electrode systems being used.

All drawings submitted must be clear and legible. You will get one copy back that must be on the site for inspections. The homeowner that performed the work must be on site for all electrical inspections.

Edwin Allmann
Electrical Subcode

All work must comply with the National Electrical Code.