



Community Development Department
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Electrical Inspection Requirements

Someone able to open all panels, junction boxes, or cover plates, etc. must be on site for all electrical inspections. If this is not provided, the inspection may be failed and require re-inspection at the applicant's expense. The Village adheres to the 2005 National Electric Code (NEC).

Residential:

1. A scaled plan with dimensions is to be submitted for both kitchen and basement remodels. The plan must show receptacles, switches, light fixtures, smoke detectors, and carbon monoxide (CO) detectors.
2. All drawings shall show smoke detectors on each level, in all bedrooms, and within 15 feet (15') of all furnaces and fireplaces. Recommended is to install detectors near all gas fired appliances.
3. "ARC-Fault" protection is required on all bedroom outlets, lights, and smoke detectors.

Kitchen Remodeling:

1. One 15 amp circuit for the refrigerator.
2. One 15 amp circuit for the dishwasher
3. One 15 amp circuit for the disposal
4. Two 20 amp counter top circuits
5. One 20 amp circuit for the microwave oven

Basement Remodeling requires the proper number of separate circuits:

1. Sump pump (simplex outlets)
2. Ejector pump (simplex outlets)
3. Phone and T.V. jacks shall be shown on the plan. All dedicated circuits shall have a "simplex" (single input) receptacle.
4. Laundry circuit (20 amp)
5. Wall receptacles (18" above the floor)

Bathrooms: Separate 20 amp G.F.C.I outlets required

Outdoor: "Bubble" or "in-use" covers required for all outside G.F.C.I. receptacles

Commercial:

1. Per ordinance compression fittings must be installed.
2. Emergency lighting and exit signs are to be all metal, with 1.5 hour rated battery back-up.
3. Emergency & exit circuits in separate raceway on 15 amp circuits with separate neutrals & locking breakers.
4. Building mounted signs require an accessible interior disconnect switch. Recommended: exterior switch.
5. All drawings shall include "load calculations" and panel schedules.