

RESIDENTIAL – KITCHEN REMODEL CHECKLIST

The provisions of the 2021 International Residential Code (IRC) will be enforced for one- and two-family dwelling units and townhouses. The provisions of the 2021 International Building Code (IBC) and 2021 International Mechanical Code (IMC) will be enforced for multifamily units. Other applicable codes for all dwelling units are the 2020 National Electric Code (NEC) and Illinois Plumbing Code (IPC). Please visit the City Code section on the city's website for local amendments to adopted codes.

The following checklist should serve as a guideline only and may not represent all requirements for a project's scope of work. For more information regarding codes, please purchase the complete code book(s) from the International Code Council (ICC) website or visit the City Clerk's Office on the 1st floor of the Civic Center where copies are available for viewing.

- ✓ The scope of work will determine what type of contractors will be working on the project. All contractors (general, electrical, mechanical, plumbing, etc.) working under a building permit are required to be registered with the Building & Inspection Services Division. The owner-occupant of a single family residence is allowed to perform any aspect of the project scope. Affidavits are required if the owner-occupant is performing electrical, plumbing or mechanical work. If countertops are being removed, current plumbing and electrical code provisions will be enforced.
- ✓ An Illinois State Licensed Architect must prepare, sign and seal drawing submissions where construction involves structural work. CAD or similar construction drawings are acceptable for most kitchen remodels where no structural work is being performed. For a multifamily remodel, association or management acknowledgement of project may be required.

The following are minimum requirements to be included in the construction drawings submitted with an application for permit:

- ✓ Provide a floor plan drawn to scale indicating dishwasher, cooktop/oven(s), refrigerator, disposal, sink(s) and other large appliances. Include locations of electrical receptacles on floor plan.
- ✓ Outlet spacing must meet requirements of NEC 210-52c. See NEC handbook Exhibit 210.29 description. Windows above countertops shall be sized and placed so as not to impede receptacle spacing requirements of this section.
- ✓ Indicate (2) 20 amp circuits dedicated for small appliances per NEC 210-52b and 210.11 (C)(1)
- ✓ Countertop receptacle(s) must be GFCI protected per NEC 210.8 (A)(6) and AFCI protected per NEC 210.12 (A). These receptacles must also be 20 amp devices.
- ✓ Dwelling unit receptacles that serve countertop spaces in kitchens, dining area, and similar rooms are required to be installed as follows:
 - In each wall space wider than 12 in. and spaced so that no point along

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the wall is more than 24 in. from a receptacle.

- Not more than 20 in. above the countertop nor in a face-up position per NEC 406.5(G)(1). Receptacles installed in a face-up position in a countertop could collect crumbs, liquids, and other debris, resulting in a potential fire or shock hazard.
 - Required island and peninsular countertop receptacles are based upon the countertop square footage. At least one receptacle shall be located within 24" of the outer edge of the peninsular countertop.
 - Accessible for use and not blocked by appliances occupying dedicated space or fastened in place.
 - Fed from two or more of the required 20-ampere small appliance branch circuits and GFCI protected according to 210.8(A)(6).
 - Electrical upgrades will be required for cabinet replacement if the existing system does not comply with the current adopted code.
- ✓ Kitchen sink waste stacks and branches shall be sized per the IPC 890.1340 d) and Appendix A Table H. The minimum size of the waste stack up to the highest sink branch connection shall be 2". Above that point the size of the stack shall be governed by the total number of drainage fixture units vented by the stack. A 2" clean out is required for the stack per IPC 890.420 i).
 - ✓ Dishwashers shall not discharge into food waste disposal units and the drain from the dishwasher shall be carried up to the underside of the spill rim of the sink per IPC 890.770.
 - ✓ Provide separate water shut-off valves for each fixture or appliance per IPC 890.1190 e) and Appendix I, Illustration J.
 - ✓ A water test of the waste and vent system will be required per IPC 890.1930 a) b).
 - ✓ Dead Ends (any unused or abandoned piping) shall be prohibited. IPC 890.120 Definitions, 890.1320 d) (waste piping) and 890.1200 c) (water piping).
 - ✓ Quality of plumbing fixtures must meet IPC 890.610 a) b) c).
 - ✓ Install drainage piping for changes in direction and back-to back fixtures per IPC 890.1320 i) m).