



Economic and Community
Development
BUILDING DIVISION

General Requirements For Remodeling Kitchens

GENERAL

1. Final inspection requires operable smoke detectors in all bedrooms. Basement, adjoining hallway outside the bedrooms on every occupiable level of the home requires installation of smoke detector and carbon monoxide detector.
2. **Internet Users Note:** The required size for plan submittal is 11" x 17" (print double-sided Worksheet with General Requirements on 11x17 paper).

BUILDING

3. Minimum ceiling height in a kitchen is 7' from the finished floor to the finished ceiling.
4. Insulation is required to be installed in all walls, floors and ceilings open during construction, between habitable spaces and exterior walls. Type of insulation required: Walls: 2x4 - R-13 or 2x6 - R-19, Ceiling: R-30, Raised Floor: R-19.
5. Doors opening to garages must be a minimum of 1 3/4" solid core and self closing. The door must seal on all four edges. Doors shall not swing over steps or landings.
6. A modified 1-hr wall is required at a common wall between the garage and the kitchen, 1/2" sheetrock shall be installed on garage side.

PLUMBING

7. All new gas piping shall be sized to supply sufficient gas to the appliances. The gas piping shall be tested with 10 lbs of air pressure for a minimum of 15 minutes.
8. All oven and stove gas valves shall be readily accessible and be within 3' of the appliance. Flexible gas connectors may not be concealed or pass through any floor, wall partition, ceiling or appliance housing.
9. An air-gap, above the sink rim, shall be installed between the dishwasher drainpipe and the garbage disposal inlet.
10. A pressure-absorbing device (water hammer arrestor) shall be installed before the dishwasher angle-stop. The device shall be an air-chamber or approved mechanical device.

MECHANICAL

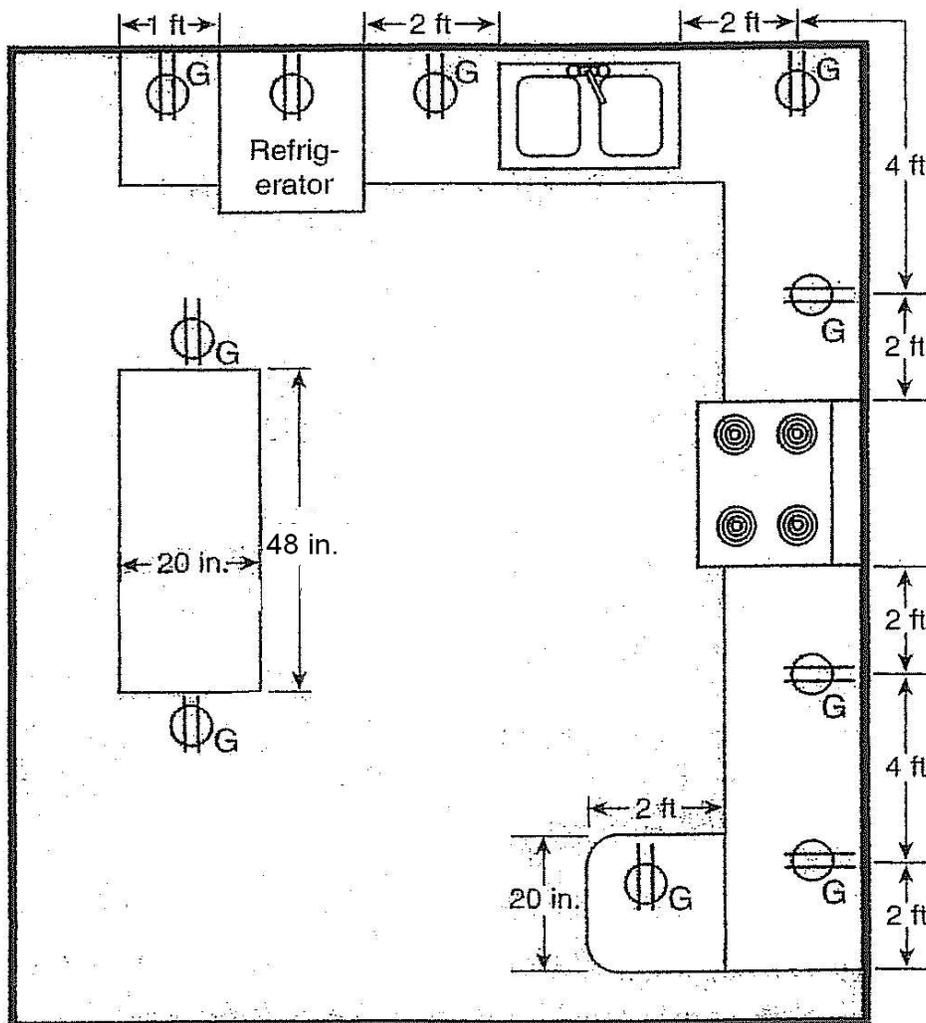
11. A minimum vertical clearance of 30" is required above a range or cook top to combustibles materials, and a minimum vertical clearance of 24" above a range or cook top to a built-in microwave oven is required.
12. Back draft dampers are required on ventilation systems exhausting to the exterior.
13. Mechanical ventilation is required in the kitchen if operable windows or operable skylights with a net clear opening of at least 4% of the floor area is not provided, or adequate ventilation cannot be obtained from an adjoining room.

SEE OTHER SIDE

ELECTRICAL

14. A minimum of Two 20 amp, dedicated kitchen counter circuits are required. All kitchen counter receptacle outlets shall be Ground-Fault Circuit-Interrupter (GFCI) protected. The counter top circuits can only be shared with the dining room or a pantry. Dishwashers, garbage disposals, insta-hots, compactors, built in microwave ovens, and the kitchen lighting **shall not** be on the same electrical circuits. All new electrical circuits shall require being ARC fault protected.
15. Receptacles shall be located so no appliance will be further than 2' from any receptacle outlet. (4' max. apart located on all counters). Counter tops wider than 12" require receptacle outlets. Newly installed receptacles shall be required to be tamper resistant.
16. The receptacles may not be located more than 12" below the counter surface and or below a counter that extends more than 6" beyond a cabinet's edge.
17. The maximum length of electrical cords for a garbage disposal is 36" and a dishwasher is 48".
18. Multiwire duplex receptacles (on a single yoke strap) for garbage disposals and dishwashers require handle tie-bars on the breaker in the electrical service panel.
19. At least half the installed wattage of light fixtures (not the number of fixtures) in kitchens shall be high efficacy. EXAMPLE: 120 Watts of installed incandescent lighting requires an additional minimum of 120 Watts of installed fluorescent or similar high efficacy light fixtures. Light fixtures other than high efficacy shall be switched separately. Nook is not classified as part of a kitchen when separately switched.

MINIMUM REQUIREMENTS FOR GFCI OUTLET LOCATIONS



G= GFCI protection required

PROJECT ADDRESS: _____

PERMIT# _____

KITCHEN REMODEL WORKSHEET

FULLY DIMENSIONED EXISTING FLOOR PLAN

Show existing switches, outlets, lights, appliances, fixtures, counters and wall layout.

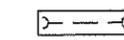
FULLY DIMENSIONED NEW FLOOR PLAN

Show new switches, outlets, lights, appliances, fixtures, counters and wall layout.

CHECK ITEMS AND RECORD QUANTITY OF EACH TO BE INCLUDED IN THE SCOPE OF WORK

- | | | | | | | | |
|---|-------|--------------------------------------|-------|---------------------------------------|-------|---|-------|
| <input type="checkbox"/> Light Fixtures | _____ | <input type="checkbox"/> Garb Disp | _____ | <input type="checkbox"/> Vanity | _____ | <input type="checkbox"/> Drywall | _____ |
| <input type="checkbox"/> Range Gas / Elec | _____ | <input type="checkbox"/> Outlets | _____ | <input type="checkbox"/> Water Closet | _____ | <input type="checkbox"/> Insulation | _____ |
| <input type="checkbox"/> Sink | _____ | <input type="checkbox"/> Switches | _____ | <input type="checkbox"/> Bathtub | _____ | <input type="checkbox"/> Walls | _____ |
| <input type="checkbox"/> Faucet | _____ | <input type="checkbox"/> Cabinets | _____ | <input type="checkbox"/> Jetted Tub | _____ | <input type="checkbox"/> Window(s) | _____ |
| <input type="checkbox"/> Exhaust Hood | _____ | <input type="checkbox"/> Ice Maker | _____ | <input type="checkbox"/> Shower Stall | _____ | <input type="checkbox"/> Water Heater | _____ |
| <input type="checkbox"/> Microwave | _____ | <input type="checkbox"/> Pot Filler | _____ | <input type="checkbox"/> Vent Fan | _____ | <input type="checkbox"/> Elec Service Upgrd | _____ |
| <input type="checkbox"/> Dishwasher | _____ | <input type="checkbox"/> Countertops | _____ | | | | |

LEGEND

- | | | |
|---|--|---|
|  110 V CONV DUPLEX OUTLET |  WALL MOUNTED FLUORESCENT LIGHT FIXTURE |  UNDER CABINET FLUORESCENT LIGHT FIXTURE |
|  GROUND FAULT INTERRUPTED DUPLEX OUTLET |  SURFACE MOUNTED FLUORESCENT CEILING LIGHT FIXTURE |  1'x4' SURFACE MOUNTED FLUORESCENT LIGHT |
|  GROUND FAULT INTERRUPTED DUPLEX OUTLET - WEATHER PROOF |  SURFACE MOUNTED INCANDESCENT CEILING LIGHT FIXTURE |  SINGLE SWITCH |
|  EXHAUST FAN - 50 CFM MIN - VENTED TO OUTSIDE |  SUSPENDED INCANDESCENT LIGHT FIXTURE |  3-WAY SWITCH |
|  EXHAUST FAN - 50 CFM MIN - VENTED TO OUTSIDE VAPOR PROOF LENSE & GFI AT SHOWERS |  RECESSED INCANDESCENT LIGHT FIXTURE |  DIMMER SWITCH WITH DIMMER CONTROL |
|  EXHAUST FAN-LIGHT COMBO - VENT TO OUTSIDE AIR |  RECESSED FLUORESCENT LIGHT FIXTURE |  GAS SUPPLY VALVE |