



City of Northlake

Building Department

55 E. North Ave.

708-343-8700

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Kitchen Remodel

Permit Application:

- Completed permit application
- Provide the proposed remodeling plan. The plans are to be of clear to indicate the extent of the work being performed (*See Example A*)
- A written & signed contract between the contractor & homeowner must be included (if applicable)
- Any work involving modifications to the building's structural framing system, must include a signed and sealed drawing from a licensed architect or structural engineer.
- Homeowner may perform their own electrical and plumbing improvements without being licensed, as long as they occupy the property for a minimum of six (6) months **after** the final inspection.

Building

- Provide a diagram of the existing and proposed layout of the kitchen, layout of new walls, electric, plumbing and mechanical. (*See Example A*)
- If removing plaster or drywall on exterior wall, the wall must be insulated with a minimum R15 insulation between the studs or 3" of closed cell spray polyethylene foam.
- Fire-block all pipe or conduit penetrations between floors with fire-rated sealant or Thermafiber rock wool.
- Smoke and carbon monoxide detectors shall be installed per State of Illinois Code.
- New or replacement windows must have a maximum U-factor of .30.

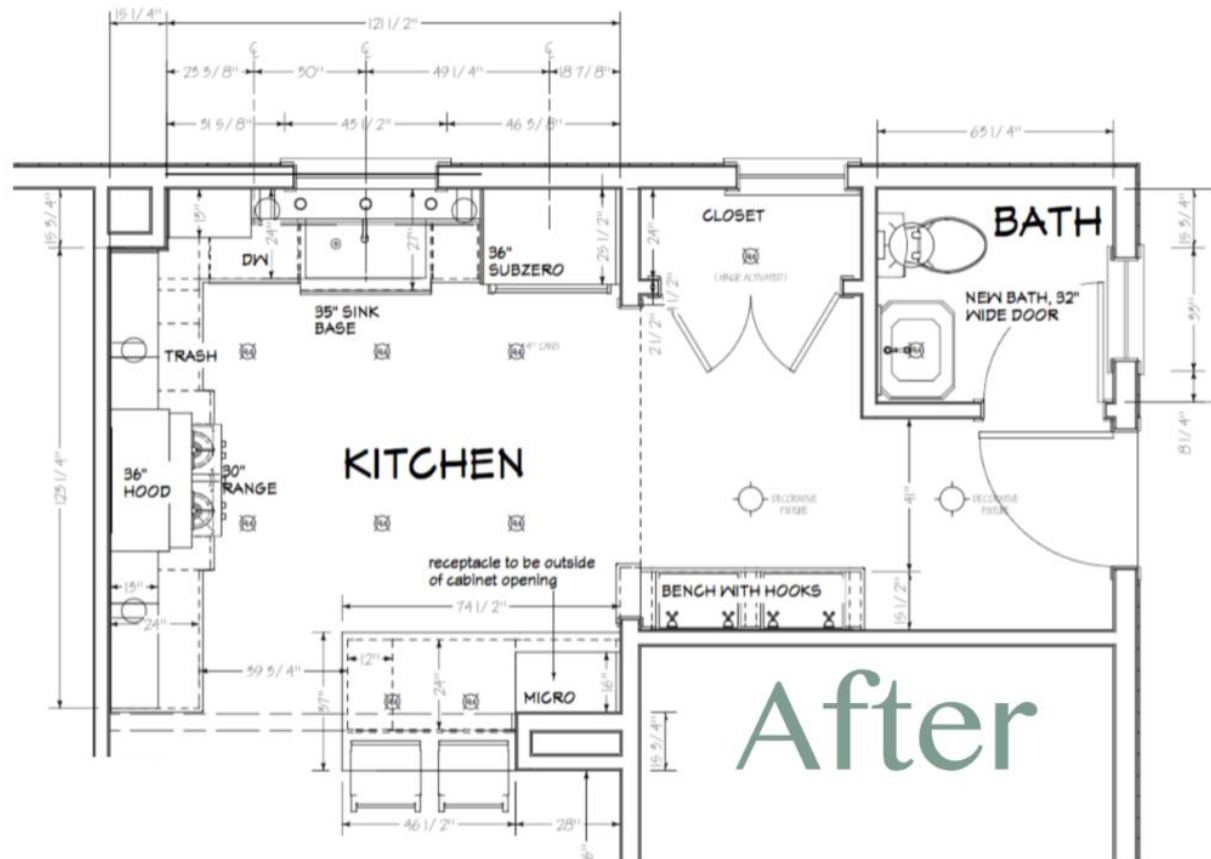
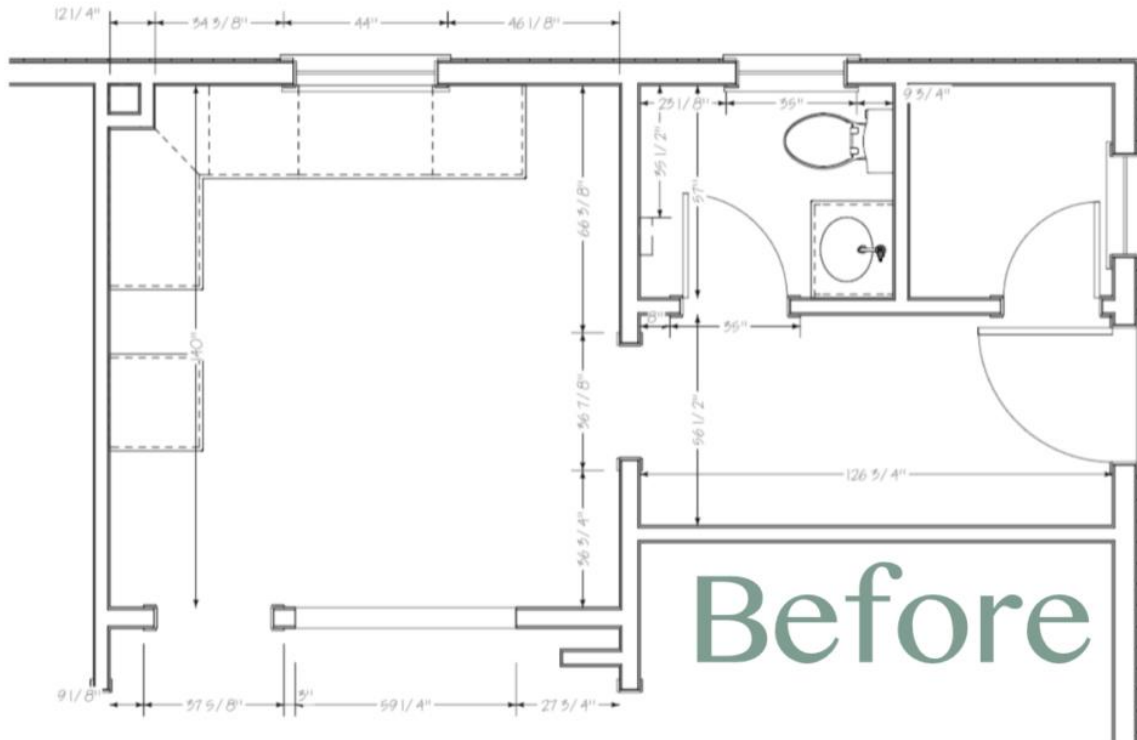
Electrical

- Electrical should be upgraded to the 2002 version of the National Electrical Code.
- All electric wiring shall be installed in conduit and must be copper.
- Provide a minimum of two (2) 20-amp GFCI to service countertop outlets.
- Exhaust fans shall discharge directly to the exterior of the building.
- Receptacles shall follow the 2ft/4ft rule for outlet spacing at kitchen countertops. Maximum two (2) feet from outside edge of the fixture/appliance and four (4) feet thereafter. Receptacles installed below counter on peninsula and/or island is required to be a maximum twelve (12) inches below counter. Receptacles are not permitted below counter if the edge of the counter exceeds 6 inches beyond the base cabinet. (*See Example B*)

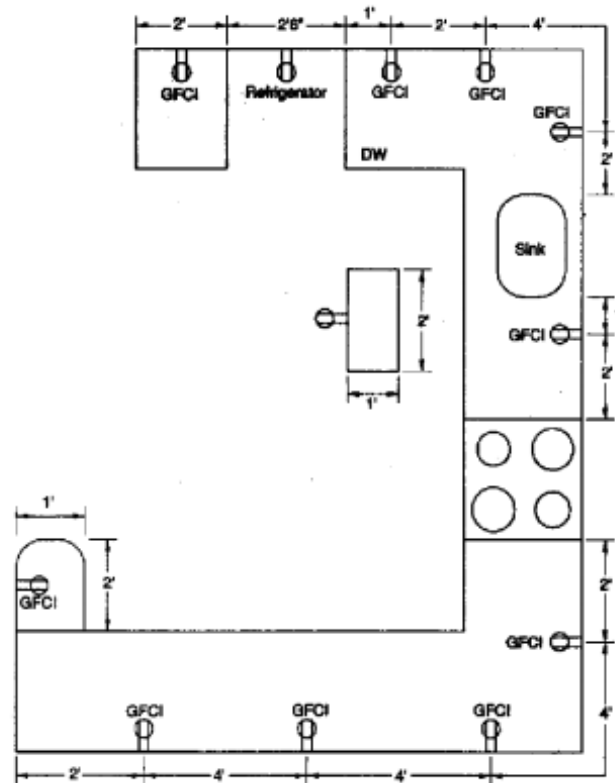
Plumbing

- Double bowl sinks require a minimum two (2) inch drain line.
- Copper water lines shall not be installed in direct contact with metal electrical conduits or fixtures
- Provide a list of all existing/new plumbing fixtures and size of existing water service.
- New water piping must be Type L copper or as allowed by the State of Illinois Plumbing code. If you install water pipes on an exterior wall, the wall must be insulated. The pipes must be located as close to the interior finish as possible on the warm-in-winter side of the wall to prevent pipes from freezing.

Example A



Example B



For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

FIGURE E3801.4
COUNTERTOP RECEPTACLES

FIG. 30

Kitchen Receptacles

Cord-plug connected range-hood allowed if supplied by individual branch circuit.

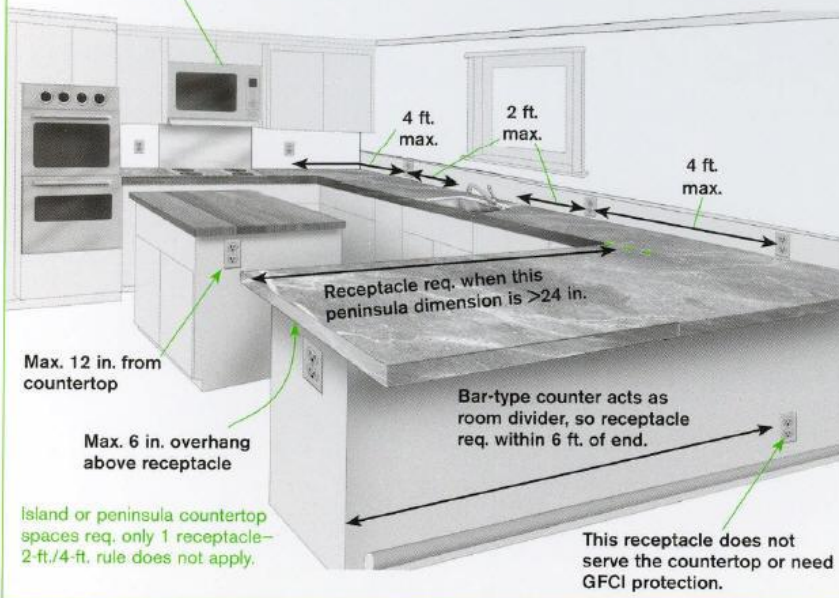


FIG. 31

2-ft./4-ft. Rule

Wall countertop receptacles serve the spaces for 2 ft. on each side of the receptacle. Therefore, the maximum spacing between receptacles on the same countertop space is 4 ft.

