

Kitchen/Bathroom Remodeling



*This handout is for informational purposes only it should not be viewed as comprehensive.
The provisions of the City's adopted codes prevail.*

Document Submittal List

- Permit application.
- One set of plans, drawn to scale, including a plan view, elevation details, and materials list. Label all rooms on the drawings and include the locations of windows, doors, appliances, electrical service panels, receptacle outlets, switches, light fixtures, smoke/CO detectors, sewer clean out, water meter, plumbing fixtures, supply air vents, and return air vents.
- Copy of plumber's license and letter of intent from the plumber. (If homeowner is performing the work this is not required)
- Copy of electrician's license. (If homeowner is performing the work this is not required)
- Signed contract. (If homeowner is performing the work this is not required)
- Complete scope of work.

Failure to provide any of the above documents may result in processing delays.

General Information and Fees

- A permit is required for the remodeling or renovation of a kitchen or bathroom.
- The application review period averages three weeks. Applicants are contacted via email when the permit is ready for payment and issuance.
- If work commences prior to permit issuance, the permit fee shall be doubled.
- A list of required inspections is provided at the time of permit issuance. Inspections can be scheduled at least one day prior to the desired inspection date by calling the Warrenville Community Development Department (630-393-9050) or online [here](#).
- A permit may become invalid if work does not begin within 180 days of issuance, or if construction has been halted and not resumed for a period of 180 consecutive days.
- Fees: Kitchen Remodel \$400.00
Bathroom Remodel \$350.00 for each bathroom.
- All work performed shall comply with the 2021 International Residential Code, 2021 Illinois Energy Conservation Code, 2014 Illinois State Plumbing Code, 2020 National Electrical Code, and all local amendments.
- Approved construction documents shall be available on site.
- Alterations to the approved plans must be resubmitted to the Building Department in writing for review and approval prior to construction.

Construction Requirements

- Fire blocking and draft stopping are required.
- Where domestic range hoods and domestic appliances equipped with exhaust are provided, such hoods and appliances shall discharge to the outdoors through sheet metal ducts constructed of galvanized steel, stainless steel, aluminum, or copper. Such ducts shall have smooth inner walls, shall be airtight, shall be equipped with a backdraft damper, and shall be independent of all other exhaust systems.
- Ductless range hoods shall not be required to discharge to the outdoors.
- Exhaust hood systems capable of exhausting more than 400 cfm shall be provided with makeup air at a rate approximately equal to the exhaust air rate. Such makeup air systems shall be equipped with a means of closure and shall be automatically controlled to start and operate simultaneously with the exhaust system.

Electrical Requirements

- All wiring is to be run in EMT. Cable wiring methods such as non-metallic cable, Romex™, BX, or armor cable are not permitted.
- Bracketed boxes shall be used in new construction and remodeling if the wall cavity has been made accessible.
- Abandoned electrical equipment, wiring methods, raceways, low voltage cabling, cables, conductors, boxes, etc. shall be removed.
- All two hundred twenty (220) volt electric ranges shall be installed with a minimum of three-fourths inch (3/4") conduit and wired with two (2) #6s, one (1) #8 white and one (1) #10 green.
- All island and peninsula outlets shall be hard piped into place.
- Plaster rings must be flush with the finished wall or ceiling surface.
- The gap between the edge of the plaster ring and the gypsum board shall not exceed 1/8 of an inch.
- All electrical connections must be accessible by means of an approved electrical junction box cover, fixture, or outlet cover.
- Wires terminated on receptacles or switches shall be under the screws of the device. Backstabbing shall not be permitted.
- Smoke and carbon monoxide alarms shall be installed throughout home per code. Wireless interconnected systems are allowed.
- 14 AWG-size conductors shall be protected with a 15-amp circuit breaker, 12 AWG-size conductors with a 20-amp circuit breaker, and 10-AWG size conductors with a 30-amp circuit breaker.
- Each bathroom shall be provided with at least one 20-amp circuit.
- There shall be a minimum of two (2) kitchen appliance circuits that are required to be for countertop use only. Both circuits shall be available on all countertops if there is more than one outlet present.
- The microwave shall be on its own circuit (20 amps)
- Receptacles/outlets in the bathroom shall be located within 36 inches of the outside edge of the sink.

- All dishwashers shall have GFCI protection and a means of disconnect within six feet (6') of the unit.
- All kitchen receptacles installed to serve counter shall be 20-amp GFCI protected and located so that no point along the wall is more than 24 inches from a receptacle outlet.
- Receptacles/outlets are required to be three-prong and tamper-resistant type.
- Electrical boxes for ceiling mounted fixtures (except those in closets and hallways) are required to be rated for use with ceiling fans.
- Light fixtures installed in or within three feet of a tub or shower shall be rated for such use. In no case shall a pendent lighting fixture be located within this space.

Plumbing

- Chlorinated polyvinyl chloride (CPVC), Poly butylene (PB), and cross-linked Polyethylene (PE), are not permitted for water distribution.
- Shut-off valves are required on the fixture supply lines to each plumbing fixture except for tubs and shower supply lines.
- All shower control valves require an anti-scalding mixer set at a maximum temperature of 115 degrees.
- Drainage pipes three inches or less in diameter require a slope of at least $\frac{1}{4}$ inch per foot of horizontal length. Drainage pipes larger than three inches in diameter require a slope of at least one inch per foot of horizontal length. Be sure to calculate the distance and slope of the drainpipe from the fixture to the existing building drain or sewage ejector pit when planning the location of the plumbing fixtures.
- All plumbing fixtures, except toilets, require a p-trap.
- All PVC pipes must be coated with a primer prior to cementing joints.
- All gas valves, plumbing valves, clean-out fittings, and water meters must remain accessible. Access panels are required when this accessibility is behind a wall.
- A riser diagram must be submitted for any proposed plumbing installations (see illustration below). Please indicate if any portion of the plumbing was installed as a rough-in when the house was originally built.