

# CITY OF ARNOLD

## BUILDING DIVISION

### Kitchen and Bath Remodeling

#### Permit Requirements

This guide is to provide the homeowner or contractor with basic information needed to apply for a permit to remodel and kitchen or bathroom.

1. Complete and sign a permit application.
2. Pay permit fee at time of application (\$65 for each discipline plus three-tenths of one per cent (0.3) of construction cost exceeding one thousand dollars (\$1,000).
3. Submit two (2) complete sets of building construction plans.

**Kitchen Exhaust for Range or Cook Top:** Kitchen ranges shall have a listed hood or downdraft exhausted to the exterior with a 100 CFM fan (intermittent use), or a 25 CFM fan (continuous use). Alternately, a listed and labeled recirculating ductless range hood installed in accordance with manufacturer's installation instructions (if equipped with the filtration system for grease removing and odor control) is not required to discharge outdoors.

Kitchen exhaust hood systems capable of exhausting in excess of 600 CFM shall be provided with makeup air at a rate approximately equal to the exhaust rate. The makeup air system shall be equipped with a means of closure and shall be automatically controlled to start and operate simultaneously with the exhaust system. Makeup air shall be provided by gravity or mechanical means or both.

**Clothes Dryer Exhaust:** Clothes dryer exhaust shall be independent of all other systems, and exhaust to the exterior through smooth, 4" diameter duct. Indicate the duct run and the termination on the plans. The maximum developed length of the duct shall be 35' (obtained by adding 5' for each 90° bend and 2.5' for each 45° bend to the length of the straight runs).

**Exception:** the maximum developed length may be extended to 55' if clearly labeled cleanouts are provided within 12" of the 2<sup>nd</sup> elbow; at every elbow thereafter, and at least every 15' of developed length thereafter.

Permanent signage is required at the dryer exhaust connection to inform the occupants of periodic inspection and cleaning requirements and to identify each cleanout location.

**Electrical:** Ground fault circuit interruption protection (GFCI) shall be provided for all 125 volt, single phase, 15 and 20 ampere receptacles installed in the following locations:

1. Kitchen counter top surfaces.
2. Bathrooms
3. Receptacles intended to serve the counter top surfaces of a wet bar that are located within 6'-0" of the outside edge of the wet bar sink.

These GFCI outlets may be installed in the existing electrical boxes as long as:

1. The replacement kitchen countertop is the exact size and located in the same area as the old countertop. A new countertop different in size or location is considered a reconfigured countertop requiring new electrical outlets. See below.
2. The existing electrical wire serving these areas has two conductors with or without ground and has been maintained in good condition. If this is not present, new electrical wiring is required as if the countertop is reconfigured. See below.

A reconfigured kitchen or dining area countertop area is a new countertop that is a different size or location than the old countertop. Receptacles servicing a reconfigured kitchen and dining area countertop area shall be ground fault circuit-interrupter protected, supplied by two different 20 amp circuits and be located in accordance with her following criteria: Receptacles shall be installed so that no point along the counter is more than 24" from a receptacle. All countertop areas 12" wide or greater separated by sinks, ranges, or refrigerators shall be served by a receptacle. Receptacles installed face-up in counter work-surface are prohibited. At least one receptacle shall be installed to serve each island or peninsula counter space that is 24'x12" or greater.

When a new receptacle is required or provided in the bathroom, it shall be located within 3' of the outer edge of each basin and not more than 12" below the countertop. This receptacle shall be ground-fault circuit interrupter protected and supplied by one 20 amp circuit.

**Soffit Fire Blocking:** The vertical horizontal space that occurred between the wall stud framing and any soffit shall be fire blocked with a 2x4 or 2x6 blocking. This blocking is placed horizontally between the 2x4 or 2x6 wall studs at the bottom horizontal edge of the soffit.

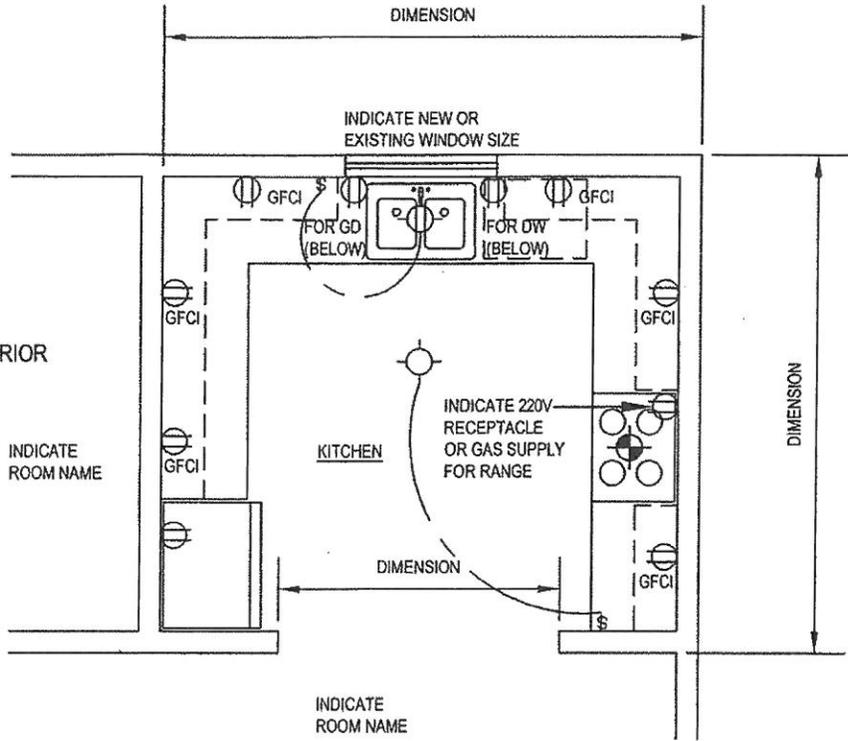
**Interior Finish and Flame Spread:** Interior finish materials shall not have a flame spread rating exceeding 200 or a smoke development index exceeding 450.

**Gypsum Backer Board:** Water resistant Gypsum backer board used as a base for tiles or wall panels in bathtub and shower compartments must not be applied over a vapor barrier. Water resistant gypsum backing board shall be permitted to be used on ceilings where framing spacing does not exceed 12 inches on center for ½" thick or 16 inches for 5/8" thick gypsum board.

For additional information or questions about a carport permit please call 636-282-2378 or visit the office at 2101 Jeffco Blvd., Arnold, MO 63010. Our business hours are Monday thru Friday, 8:00 a.m. to 4:45 p.m., excluding holidays.

## LEGEND

-  ELECTRICAL RECEPTACLE
-  ELECTRICAL LIGHT FIXTURE
-  ELECTRICAL WALL SWITCH
-  EXHAUST FAN - VENTED TO THE EXTERIOR  
100 CFM (INTERMITTENT USE) OR  
20 CFM (CONTINUOUS USE)
- GD GARBAGE DISPOSAL
- DW DISH WASHER
- EXISTING SOFFITS TO REMAIN

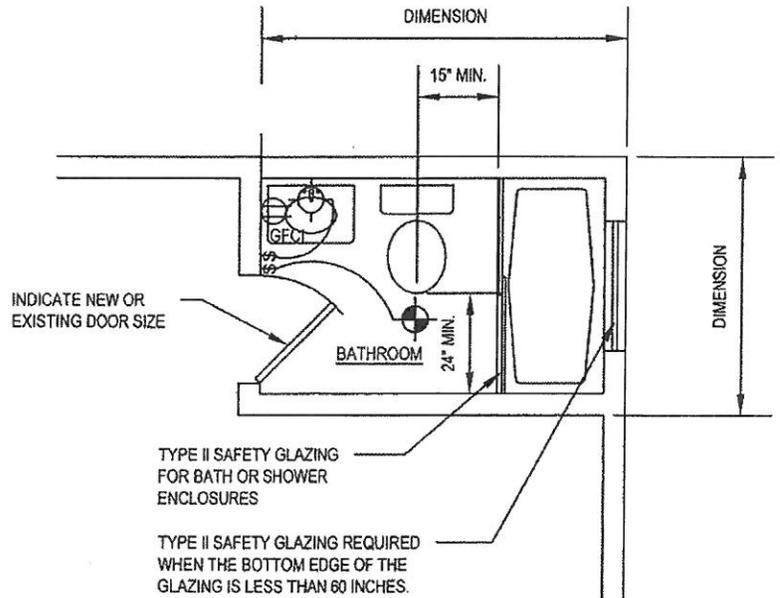


SCALE: 1/4"=1'-0"

## PROPOSED KITCHEN FLOOR PLAN

## LEGEND

-  ELECTRICAL RECEPTACLE
-  ELECTRICAL LIGHT FIXTURE
-  ELECTRICAL WALL SWITCH
-  EXHAUST FAN - VENTED TO THE EXTERIOR  
(50 CFM)



SCALE: 1/4"=1'-0"

## PROPOSED BATHROOM FLOOR PLAN