HOMEOWNER REPAIR GUIDE

# RE-PLUMBING A KITCHEN

*Things to consider – for do-it-yourself or contracted repairs*

## WATER SUPPLY

1. Depending on code requirements in your community, your new water lines can be ½" copper, or ½" cross-linked polyethylene (PEX), or ½" chlorinated polyvinyl chloride (CPVC).

> **IN CLEVELAND HEIGHTS**
> All are acceptable in Cleveland Heights, but if you use PEX or CPVC, you will need to have an electrician certify that your electrical grounding system is adequate.

2. To prevent water hammer, install an air trap on any new line where a supply line branches off to a fixture.
3. If your sink is located on an outside wall, bring the water pipes up through the floor of the base cabinet, to prevent the pipes from freezing.
4. Install a shut-off valve on each supply line underneath the sink.
5. Make sure the pipes are secured to the wall studs before they are enclosed in the wall or enter the base cabinet, so the pipes won't rattle later.

## DRAINS

1. Plastic drain pipe is accepted as standard in many communities, including Cleveland Heights. The standard drain size is 1-1/2". You will have to vent any 1-1/2" drain pipe where the distance from the sink to the sewer system is more than 15 feet; however, you can avoid venting the drain line by using 2" pipe instead of 1-1/2" pipe.
2. Connect dishwasher drains to the sink tailpiece.
3. If you install a new drain line, you must install a clean-out in it.
4. Drains must slope at least 1/4" per foot.

Home Repair Resource Center empowers homeowners to maintain their homes for sustainable and diverse communities.

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