

# WATER HEATER REPLACEMENT

## Location

- Access to water heater cannot be through a bedroom, bathroom, toilet room, or storage closet.
- All water heaters shall be capable of being removed without first removing a permanent portion of the building structure.

## Appliance Venting

- Combustion air supply for fuel-fired appliance(s) must be correctly sized. It may be provided by one of three methods:

- all required air from outside of structure
- all required air from inside of structure\*
- all required air from both inside and outside of structure\*

*\*worksheet required for verification*

- Single wall vent connector must have a minimum 6-inch clearance to combustibles.
- Class B vent or connector must have a minimum 1-inch clearance to combustibles.
- Vent connector must have an approved connection to the chimney, with a minimum 1/4-inch pitch up to the flue.
- Water heater must be listed and labeled and installed in accordance with the manufacturer's installation instructions and the Minnesota State Plumbing Code.

## Fuel Gas Piping

- Piping must be of the proper size and material and be adequately supported/restrained with metal straps.
- A listed and approved gas valve must be installed within the same space of the water heater. Iron pipe gas lines require a ground union downstream of shutoff before controls.
- Maxitrol regulator must be installed horizontal with a drip tee on the high pressure side before Maxitrol. Drip tee installed on water heater gas line.

## Water Connections

- Water shut-off valve must be installed on the cold water side.
- Full-size temperature and pressure valve must discharge within 18 inches from floor.requirements of the room(s) to which it is attached.

## Required Inspections

- Final

## THREE INSPECTION MUSTS

- Post** the inspection report card on the job site until the final inspection is completed.
- Notify** Inspections when the installation is completed.

- Schedule** all inspection at least 24 hours in advance (please have your permit number available).

You can reach the Inspections Department between 8 am and 4:30 pm at 763-593-8090.