



# Plumbing

## Bid Specifications

**The architectural drawings which will be provided by HFHK as part of the bid package. Contractor must follow the plans provided, unless otherwise discussed.**

The Kohler Company currently has a program that donates certain fixtures to Habitat affiliates for each home we build. Some of the following items are included in this program and will be on site when the contractor does their rough in and finish. The items listed not provided by Kohler will still be provided by Habitat when applicable for the home build location.

- Kitchen faucet
- Bath drop in oval sink(s)
- Bath Faucet(s) and drain kit(s)
- Shower valve(s) and accessory finish kit(s)
- Toilet(s) & toilet seat(s)
- Low flow shower head(s)
- Garbage disposal, if applicable
- Modular tub/shower unit

### **Plumbing Specifications:**

- Contractor to be available per schedule to do underground as required by plan.
- HFHK will pull all local permits required for work per plan.
- HFHK to supply a water heater. Water heaters will be power vent rated .67EF or higher, 40- gallon for two and three bedroom plans, and 50-gallon for plans of four or more bedrooms.
- Contractor to order and install a 1/2 HP sump pump during rough in. Pump must be set in such a way as to prevent the unit from exposure to stone, clay or ground. Contractor to ensure that pump exit is extended a minimum of five feet from the outside of the structure.
- Two outside water faucets will be installed and hooked to the supply at RI. These will be installed per plan.
- Contractor must cut out both the kitchen and bath sinks. Contractor will plumb for a dishwasher and a garbage disposal if indicated on the plan.

- Plumbing in exterior walls shall be minimized, and run through the floor whenever possible.
- Final gas connections to water heater & gas dryer by HVAC contractor.
- Contractor to provide for gas plumbing to the water heater from a furnace stub left by others.
- Contractor to be available per schedule to trim houses within 5 business days of notification. Contractor is responsible for basic cleanup and recycling.
- Contractor to call for their own underground inspections. Contractor to also call for all subsequent inspections.
- Contractor to caulk all penetrations per code and replace any box sill insulation removed during installation.
- When it is necessary to install a waste ejector pump, the contractor shall hang all possible plumbing to allow gravity flow of as much waste as possible. Contractor will inform Habitat at time of RI whether the washer will be able to be gravity fed. It is the wish of Habitat to run the least amount of waste through the ejector pump as possible. When an ejector pump is used, it shall have an auxiliary audible alarm attached to warn when the unit has malfunctioned.
- Floor drains will be marked at RI to allow flatwork contractors to pitch concrete towards drains.
- One sealed sump crock to be included.

**Proposal Guidelines:**

- Bid must have costs broken down in the following manner:
  - Materials
  - Labor

**Job Requirements and Expectations:**

- All contractors working on a Habitat site must comply with all OSHA regulations.
- Contractors must supply a current copy of certificate of insurance (COI) for liability insurance and workman's compensation certificate with Habitat as a certificate holder.
- From time to time we receive donations from manufacturers, distributors, outlets etc. of new plumbing fixtures that we accept and use in our homes. We do this to help contain costs, so we may help more families. We require the contractor to install them, but not to warranty them. All contractors working with HFHK must be willing to cooperate with and use new supply/material donations, if and when applicable.
- There will be electricity on site, please inform HFHK if you intend to utilize it.

- There will not be a dumpster on site. All contractors will be responsible for removing scrap, supply reminsce and garbage created during the job.
- All contractors must clean up after themselves. There will be a clean up penalty of \$50/hour if Habitat must clean up after you.