



Electrical 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.

Electrical Specifications:

- HFHK will provide a city permit covering the electrical work being performed.
- Subcontractors must provide a Seal for UCC Form.
- All finish electrical materials/fixtures will be provided by HFHK.
- Homes must be ADA compliant, with paddle/toggle switches.
- HFHK requests, unless otherwise directed, that subcontractor provides a specified electrical connection to the identified neighbor's home, or alternately an exterior temporary panel on a separate stand or post, at the start of framing stage. Temp power sizing per building code.
- LED fixtures will be provided by Habitat, unless otherwise noted and approved by HFHK. Subcontractor to provide and install all boxes for fixtures.
- ONLY closets with depth over 2'10" receive a fluorescent light fixture controlled by a wall switch, shallower closets do not, even if it shows on the plans. Consult with HFHK if unsure.
- No switched outlets.
- No ceiling fans will be installed in Habitat homes.
- 200+ Amp service.
- Integrated smoke alarm system.
- CO detectors at each floor with a bedroom.
- Installation must conform to listed design criteria listed below.

Basic HFHK Design Criteria:

Kitchen

- HFHK provides the garbage disposal (optional), microwave, or range hood, if applicable.
- Provide wiring for electric and gas range stove, garbage disposal, dishwasher, and Microwave/Range Hood combination.
- Dedicated circuit for microwave.
- Dedicated circuit for refrigerator.

Bathroom

- Ceiling mount bath fan/light and for wall mount vanity light.

Hallway / Stairway

- Wall sconce or overhead lighting in stairway, no ceiling fixtures at out-reach locations.
- Ceiling fixture in hallway.
- Combination smoke/carbon monoxide detectors in bedroom hallway(s) (Placement per code).
- Outlet at base of stairwell, if a two story home.

Living Room

- Wiring for light fixtures, subcontractors provide fan/light wall control as required.

Bedrooms

- Wiring for light fixtures.

Basement

- Washer, dryer & water heater hookup
- 120 V single device outlet for sump pump hookup
- Light fixtures on switches
- Combination smoke / carbon monoxide detector

Garage

- 110 V single device outlet, 15 Amp wire for future garage door opener
- Switched fixture
- 1 GFCI outlet
- Disconnect for detached garage in breaker box (not as switch), 2 ground rods per code for detached garage

Exterior

- 1 light by each entrance (front door and side or rear door(s))
- Doorbell at each entrance (front door and side or rear door)
- 2 exterior outlets (one at porch, and one to service rear/side door area)
- A/C disconnect

Electrical Products provided by HFHK, if applicable:

- 30" Microwave/Hood Combination,
- Bath fans – May not be provided by HFH. See note on house plans
- Garbage Disposal – Optional - may not be included
- All interior lighting fixtures.

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 reminisce 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.