

Chapter 24 - Finishing Mechanicals

Things to Consider



Components

Electrical Fixtures & Outlets	Plumbing Fixtures	HVAC Registers
Thermostat	Water Heater	A/C
A/C Cage		

Timing & Prerequisites

- This phase of the project cannot begin until the cabinets and countertops are installed.
- The House/Project Lead will work with the Habitat Supervisor to co-ordinate these volunteer activities.

Activities

The mechanical contractors will complete this phase once the cabinets and doors have been installed.

Final HVAC (Contractor)

Permanently install the thermostat and test the furnace.

The final supply lines and cold air returns will be installed.

When the foundation for the house is poured, the contractor will pour a pad for the a/c condenser. After the final grade is done, the contractor will set the condenser on the pad.

Install A/C Cage (Volunteers)

The cage should fit over the a/c condenser with the bottom rails flush to the concrete pad. The back of the cage should be within 4" of the house. The power line will extend from the unit to the disconnect box on the house. The line should be long enough to allow the cage to slide back close to the house.

The cage will be installed with three (3) red head bolts tapped into the pad. Be sure to apply adhesive to the holes before inserting the red head bolts.

Finish Plumbing (Contractor)

The plumber will install the kitchen sink; trap and faucets.

The toilets will be installed.

The traps and faucets for the vanities will be installed.

The hot water heater will be installed.

The water supply lines will be completed.

Finish Electrical (Contractor)

The electrician will install all of the outlets and fixtures.

All of the electrical runs will be installed into the service panel.