

### Step 3. Installation of the Thermostat

The provided thermostat should be located in a convenient location in close proximity to the area where the Floorizwarm Heating Element will be located and installed per the manufacturer instructions.

- a. Install one (1) single gang box for the provided thermostat in a stud-framed wall at a suitable location.
- b. Install the in-floor sensor provided with the thermostat from the single gang box to the area where the heating element will be installed. It is recommend that the sensor for the provided thermostat be installed at the midpoint between two runs of Floorizwarm Heating Element. As a result you may wish to wait and install the in-floor sensor at the same time as you install the heating element if possible.

**Warning: Do not cross the Floorizwarm Heating Element with itself, the in-floor sensor wire or with any other conductive material.**

- c. Run AWG #12-2 electrical conductor with ground wire from the thermostat single gang box to the Floorizwarm Power Unit.
- d. Power the thermostat with a dedicated power supply directly from the electrical distribution panel using AWG #12-2 electrical conductor with ground wire and a 20 Amp breaker and following the thermostat manufacturers instructions.
- e. Install the thermostat as directed by the thermostat manufactures instructions.