



Infloor Heat

The following items are conditions for permit issuance and strict compliance is mandatory.

1. Installing underground and/or infloor heat requires a building permit. Call for inspection prior to pouring concrete.
2. Installation of new gas lines shall be properly tested and witnessed by the building inspector to 25 psi minimum for 1/2 hr minimum. IFGC406.4.1-406.4.2
3. An approved vapor/soil-gas retarder with joints lapped not less than 12" shall be placed between the concrete floor and the base course/gas permeable layer. The sheeting material shall cover the entire floor area and fit tightly around all penetrations. MSBC1303.2402 subp 2
4. All mechanical equipment shall be installed per manufacturer's listed specifications. Installation manual must be on site for inspection. MSBC1346/304.1
5. Piping to be embedded in concrete shall be pressure tested prior to pouring concrete. During pour, the pipe shall be maintained at the proposed operating pressure. MSBC1346/1209.2

Test shall be 50–60 psi per manufacturer's specifications.

6. Materials used for hydronic piping and ground source loops shall be rated for the operating temperature and pressure of the system. Materials shall be suitable for the type of fluid in the system. MSBC1346/1202.3
7. Post the attached Inspection Record Card on the jobsite. MSBC1300.0210 subp 3
8.
 - a. The term "complete" shall include all work proposed in the approved permit. All building permits issued shall complete construction of the project within one hundred and eighty (180) days after the permit is issued, without additional approval. If at the time of application, the project is anticipated to not be completed within one hundred eighty (180) days, the applicant shall provide the project's anticipated timeline. CMS may adjust for reasonableness and approve project timelines as part of the permit review process up to five hundred and forty (540) days. Projects anticipated to exceed five hundred and forty (540) days shall seek approval from the jurisdiction's applicable governing body.
 - b. A permit holder may request extensions in increments of one hundred and eighty (180) days. CMS may approve up to two extensions if CMS judges steady and continuous progress is being made. Permit holders requesting more than two extensions shall make an application for a new permit. The new permit application shall state the reason and demonstrate that circumstances were beyond the control of the permit holder.
9. This structure must comply with all portions of the Minnesota State Building Code whether noted on this plan or omitted. Failure to note any detail(s) on the plan does not remove the builder from the responsibility of complying with the Building Code. Plan review was done in accordance with the current Minnesota Building Code. Plan review does not waive any additional code compliance issues found on site. MSBC1300