



Geothermal

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

1. All mechanical equipment shall be installed per manufacturer's listed specifications. Installation manual must be on site for inspection. MSBC1346.304.1
2. Loops shall be pressure tested with water at 100 psi for 30 minutes with no observed leak. MSBC1346.1208.1.1
The test shall be witnessed by the building inspector.
3. 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
4. Shutoff valves shall be installed in hydronic piping systems on the supply and return side of a heat exchanger, on the building supply and return of a central utility system, on both sides of a pressure reducing valve, and on connections to mechanical equipment and appliances. MSBC1346.1205.1-1205.1.6
5. Post the attached Inspection Record Card on the jobsite. MSBC1300.0210 subp 3
6.
 - 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.
7. 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