



# TOWN OF MERRIMAC INSPECTIONAL SERVICES

2 School Street Merrimac, MA 01860  
Ph. (978) 346-0525 Fax (978) 346-0522

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## COLD WEATHER EXCAVATION & CONCRETE PLACEMENT

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In Merrimac, cold weather foundation excavation and placement of concrete is regulated by the Massachusetts State Building Code 780CMR. The **Applicant of Record** — the person to whom the building permit was issued — is responsible for work being prosecuted in accordance with *780CMR 1908.0 Concrete Quality, Mixing and Placing*.

### BEFORE THE POUR

Excavations must be protected. You cannot pour concrete footings and slabs on frozen soils or water. You must notify Inspectional Services of pour date(s).

### AFTER THE POUR

CONCRETE MUST BE COLD WEATHER PROTECTED THROUGHOUT THE HYDRATION PROCESS. Concrete hydration slows drastically below 50°F. You must maintain the concrete at 50°F or above for seven days minimum (*780CMR §1908.8 Curing*) —long enough for the concrete to set and gain sufficient strength to survive freezing.

### NOTE: THE BURDEN OF COMPLIANCE IS ON THE PERMIT HOLDER

You must submit **BATCH SHEETS** for all concrete deliveries before receiving a Foundation inspection. We archive daily weather reports and will examine temperature conditions. If you choose to proceed with cold weather construction, you may be required to provide evidence prepared by a registered professional structural engineer having on-site involvement with the Work that temperature and site conditions were suitable, and appropriate protections were maintained in accordance with Massachusetts State Building Code requirements.

**I am the Applicant of Record (or alternately, Authorized Agent) responsible for Building Permit # \_\_\_\_\_ ,**  
**I have received and read this document concerning cold weather concrete placement.**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

CSL # \_\_\_\_\_ HIC Registration # \_\_\_\_\_ Homeowner Waiver \_\_\_\_\_