

[Chapter 15.04 SUBDIVISIONS](#)

Section 15.04.810 Placing concrete in cold weather.

No concrete shall be poured where the air temperature is lower than forty (40) degrees Fahrenheit, at a location where the concrete cannot be covered or protected from the surrounding air. When concrete is poured below a temperature of thirty-five (35) degrees Fahrenheit the ingredients of the concrete shall be heated so that the temperature of the mixture shall not be less than fifty (50) degrees or more than one hundred (100) degrees Fahrenheit. Before mixing, the heated aggregates shall not exceed one hundred twenty-five (125) degrees Fahrenheit and the temperature of the heated water shall not exceed one hundred seventy-five (175) degrees Fahrenheit. Cement shall not be added while the temperature of the mixed aggregates and water is greater than one hundred (100) degrees Fahrenheit. When there is likelihood of freezing during the curing period, the concrete shall be protected by means of an insulating covering and/or heating to prevent freezing of the concrete for a period of not less than ten (10) days after placing. Concrete shall not be placed on frozen soil.

Equipment for protecting concrete from freezing shall be available at the job site prior to placing concrete. Particular care shall be exercised to protect edges and exposed corners from freezing. In the event heating is employed, care shall be taken to insure that no part of the concrete becomes dried out or is heated to temperatures above ninety (90) degrees Fahrenheit. The housing, covering, or other protection used shall remain in place and intact at least twenty-four (24) hours after the artificial heating is discontinued. Combustion heaters shall not be used during the first twenty-four (24) hours unless precautions are taken to prevent exposure of the concrete to exhaust gases which contain carbon dioxide. (Ord. 5-1988 § 1 (part): Development Code 4-6-10)