

21 NCAC 28B .0507 LOW-VOLTAGE LIGHTING; POOLS

(a) When installing low-voltage landscape lighting systems, the licensed contractor shall:

- (1) Insure that all wire connections are waterproof;
- (2) Only use weather-proof fixtures;
- (3) Supply lamps per the manufacturer's specifications with all fixtures;
- (4) Ensure that the total lamp wattage of each circuit does not exceed the National Electrical Code (NEC) standard for the size of wire being used;
- (5) Not load a wire to more than 80 percent of the wire's capacity;
- (6) Connect all exterior low-voltage wiring to a ground fault circuit interrupter (GFCI) circuit;
- (7) Mount transformers a minimum of 18 inches above grade;
- (8) Perform a post-installation inspection to verify that the lighting system is fully operational as intended per the manufacturer's recommendations; and
- (9) Provide literature to the client about the lighting components that lists lamps per the manufacturer's specifications for fixtures.

(b) All garden pools shall be installed in accordance with state and local codes. A garden pool is an ornamental water feature that is not defined as a swimming pool under any state or local code.

*History Note: Authority G.S. 89D-15(2); 89D-15(16);
Temporary Adoption Eff. January 1, 2016;
Eff. September 1, 2016;
Amended Eff. June 1, 2019.*