



INDIAN RIVER COUNTY/CITY OF VERO BEACH
BUILDING DIVISION
1801 27th Street, Vero Beach, FL 32960 772 266-1260

NOTICE

From: Scott McAdam, CBO, MCP, Building Official
To: All Permit Applicants, Design Professionals, Contractors and General Public
Date: 3/5/2018
Subject: New Pool Codes – 6th Edition FBC, ANSI 5-2011, ANSI 7-2013
Effective Date: December 31, 2017

Requirements

1. All Permit Applications applied for on or after December 31, 2017 must comply with new Swimming Pool/Spa regulations per ANSI 5 and ANSI 7.
2. New changes include but not limited to:
 - a. Maximum water velocity in pool piping shall not exceed 8 ft. per second for both suction and pressure piping. (ANSI 5, Section 9.2)
 - b. Maximum system flow. (ANSI 7, Section 4.4.9) Indian River County has reviewed the new code section and will require new pools to be submitted with a TDH Calculation. The new code separates methods for determining maximum system flow rate into two categories; unsecured systems, typical residential systems where anyone may be able to adjust flow rates, and secured systems, typical commercial systems. For new pool permitting a TDH Calculation will be required at the time of submittal.
3. The one thing that is no longer allowed is to use maximum flow of the pump from its pump curve. One of the problems with this method has been that pipe sizes are so large to accommodate the high flow rates - once the system is started up, if the pump runs at maximum speed (or variable speed pump at max. flow), motor life is compromised because there is little or no resistance. Like sitting in your car with the shifter in neutral and the gas pedal floored - damages the motor.

Information

1. The Building Division will release additional notices as information is provided pertaining to significant Code changes.
2. It is essential that applicants, design professionals and contractors keep their eyes and ears open for information relating to Code changes. It is your responsibility to comply with the applicable Codes in effect for your project. The Building Division will attempt to keep you informed and updated to best of our ability.