



409 E. First Street, Prosper, TX 75078  
Phone 972-346-3502

### Commercial Pool & Spa PRE-Construction Certification

Existing Permit #: \_\_\_\_\_ Date: \_\_\_\_\_

*Incomplete documentation will not be accepted.*

**A Professional Engineer must provide this form for permitting and plans submission of commercial pools & spas.**

Date of Certification: \_\_\_\_\_

#### Pre-Construction Certification

I, \_\_\_\_\_, the undersigned licensed professional engineer, have examined the plans/blueprints and specifications for the swimming pool(s) and/or spa(s) and/or other water/play features and associated facilities to be constructed at:

Project Name: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_

Submitted to me by:  
Pool Builder Name: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
Telephone: (\_\_\_\_)\_\_\_\_-\_\_\_\_\_  
Fax: (\_\_\_\_)\_\_\_\_-\_\_\_\_\_

and Owned by:  
Owner's Name: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
Telephone: (\_\_\_\_)\_\_\_\_-\_\_\_\_\_  
Fax: (\_\_\_\_)\_\_\_\_-\_\_\_\_\_

I certify that the submitted plans/blueprints and specifications for the above described swimming pool(s), spa(s) and/or other water/play features and associated facilities meet or exceed the requirements detailed in Sections 265.184 through 265.201 and 265.205 of the Texas Department of Health Standards for Swimming Pools and Spas, found at <http://www.dshs.state.tx.us/poolspa>, adopted July 1, 2004, to be effective September 1, 2004 - except that January 1, 2005 is the effective date under Section 265.190(e). Furthermore, I certify the accuracy of the calculations that I am providing.

#### Calculations and Design Values

Pool Volume: \_\_\_\_\_ Gallons  
Turnover Rate: \_\_\_\_\_ Hours  
Flow Rate: \_\_\_\_\_ Gallons Per Minute  
Total Dynamic Head: \_\_\_\_\_ Feet of Head  
Maximum Velocity in suction lines at designed flow: \_\_\_\_\_ Feet Per Second  
Maximum Velocity in return lines at designed flow: \_\_\_\_\_ Feet Per Second

#### Pools/Spas with Grates

Maximum Velocity at main drain grate (min. 24" diag.) at designed flow: \_\_\_\_\_ Feet Per Second  
Maximum Flow through remaining drain grate with one (1) main drain blocked: \_\_\_\_\_ Feet Per Second

#### Pools/Spas with Covers

Maximum Design Flow Rate at main drain with approved covers: \_\_\_\_\_ Gallons Per Minute  
Main Drain Cover Approved Flow Rate (stamped on cover): \_\_\_\_\_ Gallons Per Minute  
Maximum Flow through remaining drain cover with one (1) main drain blocked: \_\_\_\_\_ Gallons Per Minute

Required Skimmers: \_\_\_\_\_ Number  
Required Return Inlets: \_\_\_\_\_ Number  
Bather Loads (pool) (spa) \_\_\_\_\_ Number

Designed suction systems, including sumps and covers/grates are ASME/ANSI A112.19.8 - 2007 or successor standard approved, have a minimum of three (3) feet separation and do not exceed the approved flow rate in GPM or FPS, and meet the requirements of the Virginia Graeme Baker Law.

\_\_\_\_\_  
Engineer's Signature

\_\_\_\_\_  
Engineer's Seal Here

Engineering Company: \_\_\_\_\_  
Individual Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Fax: \_\_\_\_\_