FULTON COUNTY BOARD OF HEALTH

Environmental Health Services

North Fulton
155 Royal Drive, Suite 150
Alpharetta, GA 30022
404-612-1801

Central Fulton
10 Park Place South, SE, 4th Floor
Atlanta, Georgia 30303
404-613-1303

South Fulton
1920 John Wesley Ave, Suite 212, 2nd floor
College Park, GA 30337
404-613-5579

Public Swimming Pool/Spa

Facility Plan Review / Construction Checklist

In an effort to make the plan review process as smooth and timely as possible, please include all of the following within the submittal packet that is presented to our office. Incomplete submittals will not be accepted. This packet must be submitted by a FCBOH Certified Pool Contractor. Please reference the rule for a more comprehensive listing of requirements.

- ❒ Application
- ❒ Verification of Residency
- ❒ Remit the Plan Review Fee
- ❒ Plans – The plans should include pages which include the following views/information:
  - ❒ Piping schedule
  - ❒ Plan view of the pool area showing dimensions of pool/spa and decking
  - ❒ Sectional view showing slope and elevation changes
  - ❒ Proximity to sanitary facilities (restrooms)
  - ❒ Proximity to dressing facilities (if provided)
  - ❒ Theoretical Peak Occupancy (TPO)(bather load) – Provide the TPO as outlined in Section 4(12):
    - ❒ Total water surface area
    - ❒ Surface area of tanning ledge(s) / tanning shelf – This area is removed from the total water surface area before calculating the TPO as outlined in Section 4(11)
    - ❒ Surface area of decking – The surface area of the decking in relation to the surface area of the water is used to calculate the TPO
  - ❒ Barrier (fence) – Show location as well as design. Must conform with Section 18(11).
    - ❒ Minimum height is forty-eight inches (48”).
    - ❒ Openings shall not allow the passage of a four inch (4”) diameter sphere.
    - ❒ Gate/latch – The gate must be self-closing and self-latching. The latch on the gate must be at least 54 inches above the ground or additional measures must be taken.
  - ❒ Steps/stairs and ladders
  - ❒ Sanitary Facilities (all pools) – When designing the sanitary facilities, please show the proposed location of the following:
    - ❒ Fixtures
    - ❒ Paper towel dispensers
    - ❒ Soap dispensers
    - ❒ Toilet tissue dispensers
    - ❒ Trash can
    - ❒ Diaper changing table/station
    - ❒ Please provide an unbreakable mirrors above each sink
    - ❒ Please provide a sanitary napkin disposal containers within each women’s water closet
  - ❒ Dressing Facilities (depending upon pool class / user needs)
    - ❒ Show the layout of the men’s and women’s separate dressing facilities with no interconnection.
    - ❒ Show location of all hose bibbs, floor drains, and showers.
    - ❒ Flooring – Provide a specification/cut sheet for the non-slip flooring material proposed within these areas.
  - ❒ Pump Room – When designing the pump room, show the proposed location/layout of any and all:

- ❒ Pump
- ❒ Filter
- ❒ Heater/Heat Exchanger (if applicable)
- ❒ Valves
- ❒ Flow meter
- ❒ Sight glass (if applicable)
- ❒ Automatic disinfectant feeder
- ❒ Automatic pH chemical feeder (if applicable)
- ❒ Piping - All piping must be depicted as well as identified and marked with directional flow arrows.
- ❒ Mechanical Ventilation – Written evidence shall be provided by a licensed heating, ventilation and air-conditioning contractor certifying compliance with all applicable codes and with the latest ANSVASHRAE standard 62. l, Ventilation for Acceptable Indoor Air Quality.

- ❒ Seal and signature from a licensed architect or professional engineer
- ❒ Location of all emergency equipment (telephone, signs, emergency shutoff switch, ring buoy & rope, reaching pole and body hook)

❒ Cut Sheets
- ❒ Pump(s)
- ❒ Filter(s)
- ❒ Suction Outlet Fitting Assemblies (SOFA's)(main drains)
- ❒ Signs (Pool Risks / Spa Warnings, bather load, 911, "NO LIFEGUARD ON DUTY – RISK OF DROWNING SUPERVISE CHILDREN CLOSELY")
- ❒ Safety equipment
- ❒ Skimmers/gutters
- ❒ Underwater lighting fixtures (white lights only, no colored lighting)
- ❒ Flow meter
- ❒ Ladders (if applicable)
- ❒ Primary disinfection equipment
- ❒ Supplemental disinfection equipment (if applicable)
- ❒ Automated chemical controller (if applicable)
- ❒ Timer (if applicable)
- ❒ Emergency Shutoff Switch
- ❒ Heater / heat exchanger (include sizing recommendations and documentation **from the manufacturer** friction loss through heater / heat exchanger **from the manufacturer**)

❒ Photometric – Provide a photometric demonstrating compliance with Section 12(1)(a) based upon whether the pool is indoors or outdoors, and whether the facility will be designed for night swimming. (white lights only, no colored lighting)
- ❒ Indoor – minimum of 30 fc.
- ❒ Outdoor with night swimming – minimum 10 fc. (with underwater lighting)
- ❒ Outdoor without night swimming – minimum 3 fc. (motion detector lighting acceptable)

❒ Hydraulic Analysis – Complete the Hydraulic Analysis and ensure that the following is included:
- ❒ Equivalent Lengths Chart – Provide a copy of the equivalent lengths chart used when completing the Hydraulic Analysis
- ❒ Velocity and Friction Loss (if other than W&H) – Provide a copy of the Velocity and Friction Loss chart used to complete the Hydraulic Analysis
- ❒ Signed by a Professional Engineer (PE)

❒ Mechanical Ventilation for Indoor Pools and Spas - Written evidence shall be provided by a licensed heating, ventilation and air-conditioning contractor certifying compliance with all applicable codes and with the latest ANSVASHRAE standard 62. l, Ventilation for Acceptable Indoor Air Quality.