

Virginia Graeme Baker Act Compliance Plan Submittal Check List

For Virginia Graeme Baker Act pool and water attraction modification plan submittals, all of the following information must be included in either the calculations or drawings.

- Completed Pool Plan Review Application for Review SBD-9808
- Correct fees or method of payment

Grate Replacement (Only)

- Plan view of basin in the area of all suction outlets (including feature, circulation and agitation systems)
- Cross section of existing sump showing all dimensions of the sump and suction piping
- Maximum flow rate of the circulation system
- Drain cover(s) make and model, listed lifetime, listed installation location and type of fitting
- Drain cover(s) capacity at 1.5 ft/sec velocity (new construction or 10' pipe replacement)
- Drain cover(s) capacity at nationally-recognized testing agency listed velocity and capacity
- Drain cover manufacturer's recommendation for bottom of grate to suction opening distances.
- Description of installation procedure for connecting grate to existing frame or sump
- Skimmer pools – equalizer pipe cover make and model OR letter from owner accepting responsibility for the elimination of the equalizer pipe (auto-fill required)

Grate and Sump Replacement

- Plan view of suction outlet areas of the basin showing code-compliant suction outlet installation (including feature, circulation and agitation suction outlets)
- Cross section of grate and sump showing all dimensions of the sump and suction piping
- Maximum flow rate of the circulation system
- Drain cover(s) make and model, listed lifetime, listed installation location and type of fitting
- Sump make and model (if applicable)
- Drain and sump capacity at 1.5 ft/sec velocity
- Drain and sump's capacity at nationally-recognized testing agency listed velocity and capacity
- Drain cover manufacturer's recommendation for bottom of grate to suction opening distances.
- New circulation piping diameter and material
- Skimmer pools – equalizer pipe cover make and model OR letter from owner accepting responsibility for the elimination of the equalizer pipe (auto-fill required)

Single/blockable grates (modifications to existing circulation systems using alternate)

- All of the grate replacement check boxes, plus
- Plan view of pool basin in the area of all suction outlets (including feature, circulation and agitation suction outlets)
- Sump cross section must include hydrostatic relief, if applicable
- Complete circulation system schematic of the proposed installation of any alternative devices
- Complete circulation system design for eliminating an existing main drain or creating a reverse flow circulation system, if proposed
- Make and model of any mechanical devices proposed for installation
- Documentation of existing gravity drainage system (surge/balance tank) and any existing drains for the sole purpose of emptying the pool and not connected to a pump.

See the Safety and Buildings pool program web page for more information:

<http://commerce.wi.gov/SB/SB-SwimmingPoolsProgram.html>