

Supplemental Plan Review Guide for Renovation or Alteration of Existing Water Recreation Facilities (WRF) 2010

Renovation or alteration includes changes in equipment, piping (such as main drains), barriers (such as pool fence replacement), walking surfaces, pool appurtenances (such as handrails), filtration equipment, mechanical equipment, or pool structure. Prior to renovation or alteration (except for routine maintenance), a construction permit must be obtained through plan review and approval. Failure to obtain a construction permit prior to renovation or alteration without benefit of plan review may result in such renovation or alteration being out of compliance with the code (Washington Administrative Code 246-260). In order to process in a timely manner your application for a WRF plan review of a proposed renovation or alteration, the following information is required:

1. A completed *Water Recreation Facility Plan Review Application*. Include a daytime phone number and e-mail address of primary contact person.
2. Payment for a plan review base fee of \$364.00 for the first two hours of service payable at the time of application (plus \$182.00 per hour after the first two hours for the actual time spent reviewing plans and specifications, payable at the time of final approval).
3. At least two (2) complete set of plans and specifications for the proposed renovation or alteration. Plans must be drawn to scale and in sufficient detail to completely illustrate that the construction is in compliance with the code.

For a proposed alteration involving a pool equipped with single main drain to be replaced by a dual main drain, the plans must include one plan view, one or more cross-sections through the main drains, piping schematic showing piping configuration, pipe size, valves, a dimensional drawing of the pool bottom, specifications of all required components to prevent a suction or entrapment hazard, and other data specified in [Plan Review Checklist for New Federal Virginia Graeme Baker Pool and Spa Safety Requirements](#) and prepared by a professional engineer or architect and as may be requested by the plans examiner (see Guidelines for Single Main Drains, Washington State Department of Health, December 2008).

For a proposed renovation or alteration of a pool barrier, please see the requirements that must be met in Chapter 246-260 Section 021 of the Washington Administrative Code on Water Recreation Facilities Design and Construction Requirements. The plans must include one plan view, a dimensional drawing of the barrier (fences, gates, doors, windows, adjacent landscaping, grading, addition of benches, etc.), layout, design, barrier height (as measured on the side outside the pool enclosure area), horizontal and vertical spacing, latch detail, any projection(s) more than one-quarter inch from the vertical plane that may provide a foothold or toehold, and other data prepared by the applicant or fencing contractor and as may be requested by the plans examiner (see Guidelines for Barrier Design, Washington DOH, May 2006). For a WRF in which a building forms part of the barrier, any emergency evacuation plan for the building should bypass the pool area altogether where feasible.

Upon completion of the renovation or alteration, please notify the Pool Plans Examiner at your local Public Health Center for an inspection of the installation according to the approved plans. Prior to final approval of an alteration involving a dual main drain, a construction report must be signed and submitted by an engineer or architect stating that, to the best of the engineer's or architect's knowledge and belief, the installation is in compliance with the approved plans. However, in some cases, a construction report may not be required for a renovation or alteration involving minor changes to a pool barrier. If you have questions, please contact the Pool Plans Examiner at your local Public Health Center.

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