

WAC 296-150V-0320 What must I provide with my request for conversion vendor unit or medical unit design-plan approval by the department? (1) All requests for design-plan approval must include:

- (a) A completed design-plan approval request form;
- (b) Two sets of design plans, specifications and test results and procedures necessary for a complete evaluation of the design;
- (c) Receipt of the design-plan fee listed in WAC 296-150V-3000;
- (d) Receipt of the initial design-plan filing fee and the initial design-plan fee.

(2) If a structural analysis or test is required for a concentrated floor load, at least one set of design plans must have an original wet stamp from a professional engineer or architect licensed in Washington state. All new, renewed, and resubmitted plans, specifications, reports and structural calculations prepared by or prepared under the engineer or architect's direct supervision shall be signed, dated and stamped with his or her seal. Specifications, reports, and structural calculations may be stamped only on the first sheet, provided this first sheet identifies all of the sheets that follow are included and identified in the same manner. Plans that have not been prepared by or under the engineer's or architect's supervision shall be reviewed and he or she must prepare a report concerning the plans. This report must:

- (a) Identify which drawings have been reviewed by drawing number and date;
- (b) Include a statement that the plans are in compliance with current Washington state regulations; and
- (c) Be stamped and signed by the reviewer.

(3) Any deficiencies shall be corrected on the drawings before submitting to the department or be included in the report and identify as to how they are to be corrected. This report shall be attached to the plan(s) that were reviewed. We will retain the set with the original wet stamp.

(4) Electrical plan review for educational, institutional or health care facilities and other buildings. Plan review is a part of the electrical inspection process; its primary purpose is to determine:

- (a) That loads and service/feeder conductors are calculated and sized according to the proper NCE or WAC article or section;
- (b) The classification of hazardous locations; and
- (c) The proper design of emergency and standby systems.

(5) All electrical plans for new or altered electrical installations in educational, institutional, and health or personal care occupancies classified or defined in this chapter must be reviewed and approved before the electrical installation or alteration is started. Approved plans must be available for use during the electrical installation or alteration and for use by the electrical inspector.

(6) All electrical plans for educational facilities, hospitals and nursing homes must be prepared by, or under the direction of, a consulting engineer registered under chapter 18.43 RCW in compliance with chapters 246-320, 180-29, and 388-97 WAC as applicable, and stamped with the engineer's mark and signature.

(7) Plans to be reviewed by the department must be legible, identify the name and classification of the facility, clearly indicate the scope and nature of the installation and the person or firm responsible for the electrical plans. The plans must clearly show the electrical installation or alteration in floor plan view, include switchboard and/or panel board schedules and when a service or feeder is to be in-

stalled or altered, must include a riser diagram, load calculation, fault current calculation and interrupting rating of equipment. Where existing electrical systems are to supply additional loads, the plans must include documentation that proves adequate capacity and ratings. The plans must be submitted with a plan review submittal form available from the department.

[Statutory Authority: Chapter 43.22 RCW. WSR 05-23-002, § 296-150V-0320, filed 11/3/05, effective 12/4/05; WSR 99-18-069, § 296-150V-0320, filed 8/31/99, effective 10/1/99.]