Print Form

Limited Structural Engineering Plan Review For Single Family Dwellings

A property owner or an authorized representative may request a structural engineering plan review of limited scope for new single family residential structures or additions/alterations to a single family dwelling that meet the criteria listed below. This structural engineering plan review will be of a limited nature and conducted as part of the life safety review, not by the engineering review staff.

Directions: The property owner or their authorized representative must complete this form to request a limited structural engineering plan review.

Criteria:

- The structure, new or after the addition /alteration is less than 4,000 square feet (total) and is of standard wood frame construction;
- The structure, new or after the addition shall be not greater than three stories of wood frame construction;
- When the addition is on top of the existing structure, the addition shall be limited to one story and not be greater than the plan area of the existing upper most floor plate.
- When the addition is attached to the side of the existing structure, the addition shall be limited to the lesser of the height of the existing structure plus one story, but shall not exceed three stories.
- The addition will be set on a standard foundation (e.g. no pilings, soil anchors);
- The structure is located on a site with less than 20% slope;
- The structural elements of the project are designed by a licensed engineer registered in Oregon;
- The licensed engineer has reviewed and provided stamped calculations verifying the adequacy to current code of the structure , addition or alteration. For additions or alterations the engineer has reviewed and provided calculations to verify adequacy to current code , the impact of the addition/alteration on all elements of the existing structure for both gravity and lateral loads and followed the load path down to the foundation. Any existing element impacted by the addition /alteration where the stress on the member is increased by more than 5% has been upgraded where required to meet requirements of current code.
- Drawings that are either stamped by a licensed engineer or initialed by a licensed engineer as having been reviewed for compliance with his / her design are required as part of the project submittal. These drawings shall completely specify all structural items including vertical and lateral load resisting members with required details

This does not exempt a project from other required reviews (life safety, planning, etc.)

Signing this Limited Residential Structural Engineering Plan Review form is an acknowledgement that you, the Property/Building Owner, understand the following:

1. Structural plan review will not be conducted by the engineering staff.
2. The property/building owner is responsible for any field corrections that may be necessary as a result of the inspection process. For example, new windows will need to be replaced if they did not comply with Zoning or Energy Code requirements. In addition, the permit may be revoked at the discretion of the building or mechanical inspector should the information provided prove to be inaccurate; you will be required to submit revised plans for BDS review if necessary.
3. A completed Limited Structural Engineering Plan Review form must be received at the time plans are submitted for review.

Regular auditing of issued permits will be conducted. In the event that an audited permit fails to comply with the requirements of the code, work will be halted on the project until such a time that code compliant submittals are approved. Any applicant or engineer found to have two non-compliant submittals will forfeit the right to use this alternative submittal process for three years.

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Complete the following and please print clearly.

Permit application # _____ Project site address _____

Project description _____

☐ As an **ENGINEER** registered under Oregon Revised Statute 672.092, I certify that I have designed the structural elements of the plans for the above referenced permit application. Furthermore, I certify that by stamping or initialing the plans, I have reviewed the drawings for compliance with my design and that these plans meet the current applicable Oregon State Building Codes and include all structural members with required details.

Please indicate if either of the following apply to this project:

☐ yes ☐ no Special Inspection Requirements? ☐ yes ☐ no Deferred Submittals?

Signed/signature _____ Date _____

Engineer name, print _____

Firm name _____

Professional registration number _____ Phone _____ FAX _____

As the **PROPERTY OWNER or AUTHORIZED REPRESENTATIVE** of the above listed Project, I understand it is my responsibility to ensure that this project is built in compliance with the current Oregon State Building Codes. I further understand that the engineering plan review will be limited in scope and that inspection by the City of Portland, Bureau of Development Services, may result in required field corrections to ensure the applicable code requirements are met.

Check one ☐ Owner ☐ Authorized Representative

Print name _____

Signature _____ Date _____

Information is subject to change.