

# Grant County Building Department

## 2018 Washington State Energy Code Commercial Projects Documentation Requirements

All buildings shall be compliant with the 2018 WA ST Commercial Energy Code. It is incumbent upon the building permit applicant to have a 3<sup>rd</sup> party Energy Code plan review performed on the submitted building plans and to submit the required Energy Code documentation with the building permit application.

- 1) The Energy Code plan review shall be performed by a 3<sup>rd</sup> Party Certified Energy Code Plan Reviewer, or by a WA ST registered engineer or architect proficient in Energy Code plan review.
- 2) A summarized report of the Energy Code Plan Review shall be submitted with the building permit application. The report shall include:
  - a. The contact information and credentials of the Energy Code Plan Reviewer.
  - b. A summary of how the project will comply with the Energy Code.
    - i. The report shall state that the plans, as submitted, comply with code, or the report shall provide corrections to the plans and show how the project will comply.
    - ii. The report shall summarize the project requirements for the Building Envelope, Lighting systems and Mechanical systems.
    - iii. The report shall provide details of code requirements that are not shown on the plans or shown on the required compliance worksheets, and it shall provide explanations on specific details that are not able to be shown on the compliance forms.
    - iv. The report shall also state, if applicable, how and why the project or a portion of the project is exempt from the Energy Code or a portion of the Energy Code; such as: Low Energy Buildings, Economizers, Systems Commissioning, etc.
  - c. The report shall be accompanied by the required compliance worksheets from the Washington State Commercial Energy Code (WSEC) website, <http://waenergycodes.com>.
    - i. The worksheets provided shall be the latest version of the compliance forms for the 2018 WSEC Commercial Provisions. The 2015 spreadsheet version will no longer be accepted.
    - ii. If you do not already have an account, you will have to set one up before you begin.
    - iii. Create a Project by clicking the My Projects tab along the top of the page or by clicking COMPLIANCE TOOLS in the left side menu. Fill in all information that is applicable to your project which may include the Building Envelope, Mechanical systems, and Lighting systems.
    - iv. The Project Information worksheets shall have been prepared by, or have been reviewed for compliance by, the 3<sup>rd</sup> Party Energy Code Plan Reviewer prior to submission.
  - d. Provide the Energy Code Plan Review Report and Project Worksheets as a separate document, not as a part of the building plans.
- 3) A building permit application will not be accepted for submission by the Grant County Building Department without the inclusion of a complete Energy Code Plan Review Report and required worksheets.
- 4) All inspections related to the Energy Code shall be performed by the Energy Code Plan Reviewer or by a Certified Energy Code Inspector or by an experienced engineer or architect. The inspector shall use the Energy Code plan review report as a guide to perform Energy Code compliance inspections.
- 5) The Energy Code Inspector shall provide a final report to the Grant County Building Department which includes a summary of the inspections that have been performed and includes a statement that all the inspections required by the WA ST Energy Code have been performed and that the building is compliant with the submitted Energy Code plan review and with the 2018 WA ST Commercial Energy Code. The final report shall include:
  - a. A summary of the Building Envelope listing the values of the insulation installed, as well as a summary of the Mechanical and Lighting systems as per the Energy Code plan review.
  - b. A list of all items identified as needing correction during inspection and a statement that those corrections were made, and that they were re-inspected and approved.
  - c. The final report shall also include the results of Air Leakage testing, Ductwork testing and the plans for Systems Commissioning, as applicable.
- 6) The final report shall be submitted to this office before the final building inspection will be performed and approved on this project, and before occupancy of the project will be granted by the Grant County Building Department.