

Residential 1 & 2 Family Dwelling or Residential Structural Building Permit Application



Contact Information - Property Owner

Owner Name:	
Owner Email:	Owner Phone/Cell:
Owner Mailing Address:	
Owner Builder:	Yes No (If yes, upload Property Owner Statement Regarding Construction Responsibilities)

Professional Information

General Contractor:	Enter CCB License:
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Mechanical Contractor:	Enter CCB License:
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Heat Source: <input type="checkbox"/> Gas <input type="checkbox"/> Electric <input type="checkbox"/> Gas & Electric <input type="checkbox"/> Oil <input type="checkbox"/> Wood <input type="checkbox"/> Solar <input type="checkbox"/> Propane <input type="checkbox"/> Other (Please Specify): _____

Enter the quantity of all that apply

Exhaust Fans:		Ductless System (Mini Split):	
Boiler / Radiant Floor Heating:		Wood Stove, Pellet Stove, Clearance Fireplace:	
Furnace or Forced Air Over 100,000 BTU:		Range Hood (Enter CFM):	
Furnace or Forced Air Under 100,000 BTU:		Enter Number of Gas Outlets:	
Heat Pump / Air Conditioning:		Propane Contractor CCB # (If Applicable):	

HVAC duct system installation method: N1105.3 (Choose one below and answer supplemental question)	Air Leakage / Air Sealing Compliance Method (Choose one option below)
<input type="checkbox"/> Duct fully located within the building thermal envelope. Provide detail on plans if an unvented attic or underfloor assembly will be used. OR <input type="checkbox"/> Ducts deeply buried within insulation. Is duct located in: <input type="checkbox"/> Attic <input type="checkbox"/> Underfloor	<input type="checkbox"/> Continuous Air Barrier Per Table N1104.8 <input type="checkbox"/> Blower Door Test Result < 4.0 ACH50

Plumbing Contractor:	Enter CCB License:
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Installing / Altering or Relocating Water Line? If Yes, Enter # of feet: _____	Installing / Altering or Relocating Septic or Sewer Line? If Yes, Enter # of feet: _____
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Enter the quantity of all that apply

Kitchen or Bath Sink:		Utility Sink:		Dishwasher:	
Drain:		Disposal:		Hose Bib:	
Tub / Shower:		Water Heater:		Backflow Device:	
Water Closet:		Washing Machine:		Other:	

Plumbing Information - For New 1 & 2 Family Dwellings

What is the distance from water source to the dwelling (in feet)?		Water Source: <input type="checkbox"/> Water District / City <input type="checkbox"/> Well
What is the distance from the dwelling to the septic tank or sewer connection (in feet)?		Sewage System: <input type="checkbox"/> Septic <input type="checkbox"/> Sewer

Electrical Contractor:	Enter CCB License:
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New Service or Subpanel? <input type="checkbox"/> Yes - _____ Amps <input type="checkbox"/> No	Temporary Power Needed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> At Issuance
Installing or Altering Circuits? <input type="checkbox"/> Yes - _____ Circuits <input type="checkbox"/> No	Property For Sale, Rent or Lease? <input type="checkbox"/> Yes <input type="checkbox"/> No
Installing Limited Energy / Low Voltage? <input type="checkbox"/> Yes <input type="checkbox"/> No	

Transportation System Development Charge (SDC) Payment

<input type="checkbox"/> Pay SDC Fee at Permit Issuance	<input type="checkbox"/> Defer SDC Payment Until Final Inspection
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Residential Energy Additional Measure Selection

Department of Consumer and Business Services

Building Codes Division • Statewide Services

1535 Edgewater St. NW, Salem, Oregon

Mailing address: P.O. Box 14470, Salem, OR 97309-0404

Phone: 503-378-4133 • Web: oregon.gov/bcd

RESIDENTIAL INFORMATION

Date:

Building permit number:

Owner's name:

Job address:

City:

State:

ZIP:

INSTRUCTIONS

Select the type of construction. If the project is an addition, select the applicable addition type and check the selected measures from the Tables N1101.1(2) and N1101.3(2) on Page 2 accordingly; print and sign your name. Submit this form with your permit application or your project will be placed on hold until the required information is provided.

New construction. All conditioned spaces within residential buildings shall comply with Table N1101.1(1), and one additional measure from Table N1101.1(2).

Note: If using Exception 3 of Section N1105.3 for the installation of ducts and air handling equipment, two additional measures shall be selected for compliance from Table N1101.1(2).

Check the selected measure(s) on Page 2. Depending on the additional measure you have selected, there may be sub-options that you will have to specify. Check the appropriate box if provided.

Additions. Additions to existing buildings or structures may be made without making the entire building or structure comply if the new additions comply with the requirements of this chapter. Read ORSC Section N1101.3.

Check the appropriate boxes below and the selected measures on Page 2. Depending on the additional measure you have selected, there may be sub-options that you will have to specify. Check the appropriate box if provided.

Large additions. Additions that are more than or equal to 600 square feet in area are required to select one measure from Table N1101.1(2).

Small additions. Additions that are less than 600 square feet in area are required to select one measure from Table N1101.1(2) **or** select one measure from Table N1101.3.

Selected Table N1101.1(2) additional measure

or

Selected Table N1101.3 additional measure

Exception: Additions that are less than 225 square feet in area are not required to comply with Table N1101.1(2) or Table N1101.3.

Applicant's printed name:

Applicant's signature:

TABLE N1101.1(2) – ADDITIONAL MEASURES

MEASURE NO.	MEASURE DESCRIPTION
<input type="checkbox"/> 1	HIGH-EFFICIENCY HVAC SYSTEM^a <ul style="list-style-type: none"> ○ a. Gas-fired furnace or boiler AFUE 94 percent, or ○ b. Air source heat pump HSPF 10.0/16.0 SEER cooling or 8.5 HSPF2 / 15.0 SEER2, or ○ c. Ground-source heat pump COP 3.5 or ENERGY STAR rated
<input type="checkbox"/> 2	HIGH-EFFICIENCY WATER HEATING SYSTEM <ul style="list-style-type: none"> ○ a. Natural gas/propane water heater with minimum 0.90 UEF, or ○ b. Electric heat pump water heater with minimum 3.45 UEF, or ○ c. Natural gas/propane tankless/instantaneous heater with minimum 0.80 UEF and drain water heat recovery unit installed on minimum of one shower/tub-shower
<input type="checkbox"/> 3	WALL INSULATION UPGRADE Exterior walls – U-0.045/R-21 conventional framing with R-5.0 continuous insulation
<input type="checkbox"/> 4	ADVANCED ENVELOPE Windows – U-0.21 (Area-weighted average), and Flat ceiling ^b – U-0.017/R-60, and Framed floors – U-0.026/R-38 or slab edge insulation to F-0.48 or less (R-10 for 48"; R-15 for 36" or R-5 fully insulated slab)
<input type="checkbox"/> 5	DUCTLESS HEAT PUMP (Dwelling units with all-electric heat) <ul style="list-style-type: none"> a. Provide ductless heat pump of minimum HSPF 10.0 or HSPF2 9.0 in primary zone replaces zonal electric heat sources, and b. Provide programmable thermostat for all heaters in bedrooms
<input type="checkbox"/> 6	HIGH-EFFICIENCY THERMAL ENVELOPE UA^c Proposed UA is 8 percent lower than the code UA
<input type="checkbox"/> 7	2.75 ACH AIR LEAKAGE CONTROL AND EFFICIENT VENTILATION Achieve a maximum of ACH50 whole-house air leakage when third-party tested and provide a whole-house ventilation system, including 2.75 heat recovery with a minimum sensible heat recovery efficiency of not less than 66 percent and total fan efficacy of 1.6 CFM/Watt (combined input for supply and exhaust).

For SI: 1 square foot = 0.093 m², 1 watt per square foot = 10.8 W/m².

- a. Appliances located within the building thermal envelope shall have sealed combustion air installed. Combustion air shall be ducted directly from the outdoors.
- b. The maximum vaulted ceiling surface area shall not be greater than 50 percent of the total heated space floor area unless vaulted area has a U-factor not greater than U-0.026.
- c. In accordance with Table N1104.1(1), the Proposed UA total of the Proposed Alternative Design shall be a minimum 8 percent less than the Code UA total of the Standard Base Case.

TABLE N1101.3.2 – SMALL ADDITION ADDITIONAL MEASURES

MEASURE NO.	MEASURE DESCRIPTION
<input type="checkbox"/> 1	Increase the ceiling insulation of the existing portion of the home as specified in Table N1101.2.
<input type="checkbox"/> 2	Replace all existing single-pane wood or aluminum windows to the U-factor as specified in Table N1101.2
<input type="checkbox"/> 3	Insulate the existing floor, crawl space or basement wall systems as specified in Table N1101.2 and install 100 percent of permanently installed lighting fixtures as CFL, LED or linear fluorescent, or a minimum efficacy of 40 lumens per watt as specified in Section N1107.2.
<input type="checkbox"/> 4	Test the entire dwelling with a blower door and exhibit not more than 4.5 air changes per hour @ 50 Pascals.
<input type="checkbox"/> 5	Seal and performance test the duct system.
<input type="checkbox"/> 6	Replace existing 80 percent AFUE or less gas furnace with a 94 percent AFUE or greater system.
<input type="checkbox"/> 7	Replace existing electric radiant space heaters with a ductless mini split system with a minimum HSPF of 10.0 or HSPF2 of 9.0.
<input type="checkbox"/> 8	Replace existing electric forced-air furnace with an air source heat pump with a minimum HSPF of 9.5 or HSPF2 of 8.1.
<input type="checkbox"/> 9	Replace existing water heater with one of the following: <ul style="list-style-type: none"> a. Natural gas/propane water heater with minimum UEF 0.90, or b. Electric heat pump water heater with minimum 3.45 UEF.