CITY / COUNTY

NEW RESIDENTIAL DWELLING BUILDING PERMIT APPLICATION

Crook County Building Department
300 NE Third Street Prineville, OR 97754
PH: (541) 447-3211 FAX: (541) 416-2139

County Planning Approval #:_____**Road Approach Approval #:** _____

Septic Permit or Authorization Approval #:_____

Site Map attached? Yes ☐ No ☐

Flood Zone? Yes ☐ No ☐ Flood Certificate Req? Yes ☐ No ☐ Address Issued? Yes ☐ No ☐

City Planning Approval #: _____ Date: _____Planner's Signature.: _____

Hold for SDC fees ? Yes ☐ No ☐ Park & Rec Fees Required? Yes ☐ No ☐

Site Information **(To be completed by applicant)**

Job Site Address: _____ in City _____ in County_____

Is there a reflective "Green Fire Marker" with your address posted at the entrance to the driveway? Yes ☐ No ☐ N/A ☐ (City)

Tax Map # _____ Subdivision _____ Block _____ Lot_____

Owner_____ Preferred contact Phone # _____

Mailing Address _____

City_____ State _____ Zip _____

If owner installation: This construction or installation is being made on property that I own which is not intended for sale, lease, rent or exchange. Signature _____ Date _____

Detailed Description of Improvement: _____

CONTRACTOR INFORMATION **(To be completed by applicant)**

General Contractor _____ CCB# _____ Phone _____

Address _____ City/Zip _____

Mechanical _____ CCB# _____ Phone _____

Address _____City/Zip _____

Plumbing _____ CCB# _____ Phone _____

Address _____ City/Zip _____

Electrical _____ CCB# _____ Phone _____

Address _____ City/Zip _____

Electrical LV _____ CCB# _____ Phone _____

Address_____ City/Zip _____

List of Low Voltage items_____

Landscape _____ CCB#_____ Phone _____

Address_____City/Zip _____

PROPOSED CONSTRUCTION TYPE (To be completed by applicant)

☐ Single Family Dwelling SQ.FT. _____ ☐ Replacement Dwelling SQ.FT. _____

☐ 1st floor SQ.FT. _____ ☐ 2nd floor SQ.FT. _____

☐ 3rd floor SQ.FT. _____ ☐ Finished Attic SQ.FT. _____ Finished ☐ Yes ☐ No

☐ Bonus room SQ.FT. _____ Finished? ☐ Yes ☐ No

☐ Duplex SQ.FT Unit 1. _____ Unit 2_____ ☐ Townhouse SQ.FT. _____

☐ Attached Garage SQ.FT. _____ ☐ Deck/Porch/Patio SQ.FT. _____

☐ Basement SQ.FT. _____ Finished? ☐ Yes ☐ No

Number of Stories _____ Building Height in Feet _____ Total Bedrooms _____

Total Proposed Baths Full & Half _____ Water Line _____ FT Sewer Line _____FT.

CHECK ALL THAT YOU WILL BE INSTALLING NOW WITH THIS PERMIT REQUEST

☐ Electric Water Heater	☐ Gas Water Heater	☐ Electric Furnace	☐ Gas Furnace
☐ Gas Range/Stove	☐ Air Conditioning	☐ Heat Pump	☐ Gas Fireplace Insert
☐ Fireplace Insert	☐ Gas Piping	☐ Wood Stove	☐ Pellet Stove
☐ Monitor/Oil Stove	☐ Cadet Heaters	☐ Backflow Device, Irrigation	☐ Shower Pan

Type of gas installation ☐ Natural Gas ☐ Propane (**Licensed installer only**) ☐ Fire sprinklers included

Type of roofing material_____ Class of roof_____

I certify that I have the authority to make the foregoing application. That the application is correct, and that the construction shall conform to the regulations in the Building Code, the County Code and all other codes and regulations or private building restrictions, if any which may be imposed on the above property by deed. The granting of a permit does not presume to give authority to violate or cancel the provisions of any other state or local law regulating construction or the performance of construction. I understand that the Building Official reserves the right to enter the construction premises at will during reasonable working hours. Furthermore I understand that should I decide to withdraw my application prior to issuance of a permit I will be charged at a minimum the plan review fee and any applicable administrative fees.

Applicant's Name (printed) _____ Title _____

Signature of Applicant _____ Date _____

Phone # to call when permit is ready _____ Fax # _____

Email _____

Staff Checklist

APPLICANT WILL NEED TO SUBMIT THE FOLLOWING REQUIRED ITEMS WITH THE BUILDING APPLICATION

- ☐ Planning approval for proposed structure.
- ☐ Verification of an approved road approach access and or permit.
- ☐ Completed application, "2" detailed Site Maps as approved by the Planning Division showing property lines, existing & proposed buildings with distance to property lines and other structures, well, water and sewer lines, location of septic and drain field area, any easements or roadways.
- ☐ Verification of a **Septic Construction** Permit or an **Authorization** to Connect to Existing Septic System (purchased within the prior 12 months).
- ☐ Two complete, legible and detailed sets of building plans (8 1/2 x 11 minimum) together with the two sets structural calculations, two sets truss calculations with layout and the lateral analysis (prescriptive or engineered).
- ☐ Completed: (1) MOISTURE CONTENT ACKNOWLEDGMENT FORM, (2) ENERGY EFFIENCY FORM, (3) AUTHORIZATION FORM, (if required when an agent and not the owner are picking up the permit and approved plans). (4) NOTE: all calculations, engineered sheets / details must be wet signed by the engineer or design professional of record.
- ☐ Completed Subcontractor list PLUS signature of owner or supervising electrician on the Electrical Permit Application Form.

Moisture Content Acknowledgement Form

I,_____, am the general contractor or the owner· builder at the following address:

_____

Street Address

_____

City

_____

Permit#

If applicable:

_____ and/or _____

Subdivision/Lot Map and Tax Lot

To conform with the 2010 Oregon Residential Specialty Code (ORSC), Section R318.2, I am notifying the building official that I am aware of the moisture content requirement of ORSC Section R318.2 and have taken steps to meet this code requirement. [Section R318.2 is provided for reference.]

> **Section R318.2 Moisture content.** Prior to issuance of the insulation/vapor barrier approval required by Rl09.1.5.2 of this code:
>
> (A) All moisture-sensitive wood framing members used in construction shall have a moisture content of not more than 19 percent of the weight of dry wood framing members.
>
> (B) The general contractor or the owner who was issued the structural permit shall notify the building official on a division approved form that the contractor or the owner who was issued the structural permit is aware of and has taken steps to meet the requirement in paragraph (A).

***Note: This form must be signed and put with stamped approved plans <u>prior</u> to calling for framing inspection.**

_____ _____

Signature Date

Residential Energy Additional Measure Selection

Department of Consumer and Business Services
Building Codes Division
1535 Edgewater NW, Salem, Oregon
Mailing address: P.O. Box 14470, Salem, OR 97309-0404
503-373-1210 • Fax: 503-378-3656
Web: bcd.oregon.gov

RESIDENTIAL INFORMATION

Date: _____ Building permit number: _____

Owner's name: _____

Job address: _____

City: _____ State: _____ ZIP: _____

INSTRUCTIONS

Please select type of construction below; sign, date, and complete the entire form. 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 must comply with Table N1101.1(1) and two additional measures (one numbered and one lettered) from Table N1101.1(2) on page 2.

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. (N1101.3)

☐ **Large additions.** Additions that are equal to or more than 40 percent of the existing building heated floor area or 600 square feet (55 m^2) in area, whichever is less, must comply with Table N1101.1(2) on page 2. (N1101.3.1) *(Note: You must select one numbered **and** one lettered measure.)*

☐ **Small additions.** Additions that are less than 40 percent of the existing building heated floor area or less than 600 square feet in area, whichever is less, must select one measure from Table N1101.1(2) on page 2 or comply with Table N1101.3 below. (N1101.3.2)

☐ **Exception:** Additions that are less than 15 percent of existing building heated floor area or 200 square feet (18.58 m^2) in area, whichever is less, are not required to comply with Table N1101.1(2) or Table N1101.3.

Selected item number: _____ **Selected item letter:** _____

***Note:** Depending on which Additional Measures you have selected, there may be sub-options that you will have to specify. Check the appropriate box if provided.*

Applicant's signature:_____ Print name:_____

TABLE N1101.3 – SMALL ADDITION ADDITIONAL MEASURES (SELECT ONE)

☐	1	Increase the ceiling insulation of the existing portion of the home as specified in Table N1101.2.
☐	2	Replace all existing single-pane wood or aluminum windows to be *U*-value as specified in Table N1101.2.
☐	3	Insulate the floor system as specified in Table N1101.2 and install 50 percent of permanently installed lighting fixtures as CFL or linear fluorescent or min. efficacy of 40 lumens per watt as specified in Section N1107.2.
☐	4	Test the entire dwelling with blower door and exhibit no more than 7.0 air changes per hour @ 50 Pascals.
☐	5	Seal and performance test the duct system.
☐	6	Replace existing 78 percent AFUE or less gas furnace with a 92 percent AFUE or greater system.
☐	7	Replace existing electric radiant space heaters with a ductless mini-split system with a minimum HSPF of 8.5.
☐	8	Replace existing electric forced air furnace with an air source heat pump with a minimum HSPF of 8.5.
☐	9	Replace existing water heater for a natural gas/propane water hear with a minimum EF of 0.67.
☐	10	Install a solar water heating system with a minimum of 40 square feet of gross collector area.

TABLE N1101.1(2) ADDITIONAL MEASURES

☐	**1**	**High-efficiency walls and windows:** Exterior walls-U-0.047/R-19+5 (insulation sheathing)/SIPS, and one of the following options: ☐ Windows – Max 15 percent of conditioned area, or ☐ Windows – U-0.30
☐	**2**	**High-efficiency envelope:** Exterior walls – U-0.O58/R-21 Intermediate framing, and Vaulted ceilings – U-0.033/R-30A[d, e], and Flat ceilings – U-0.025/R-49, and Framed floors – U-0.025/R-38, and Windows – U-0.30; and ☐ Doors – All doors U-0.20, or ☐ Additional 15 percent of permanently installed lighting fixtures as high-efficacy lamps or ☐ Conservation Measure D and E
☐	**3**	**High-efficiency ceiling, window and duct sealing (Cannot be used with Conservation Measure E)** Vaulted ceilings – U-0.033/R-30A[d, e], and Flat ceiling – U-0.025/R-49, and Windows – U-0.30, and Performance tested duct systems[b]
☐	**4**	**High-efficiency thermal envelope UA:** Proposed UA is 15 percent lower than the Code UA when calculated in Table N1104.1(1)
☐	**5**	**Building tightness testing, ventilation and duct sealing:** A mechanical exhaust, supply, or combination system providing whole-building ventilation rates specified in Table N1101.1(3), or ASHRAE 62.2, and The dwelling must be tested with a blower door and found to exhibit no more than ☐ 1. 6.0 air changes per hour[f] and ☐ 2. Performance tested duct systems[b]
☐	**6**	**Duct tested HVAC systems within conditioned space:** (Cannot be used with Conservation Measure B or C) All ducts and air handler are contained within building envelope[i]
☐	**A**	**High-efficiency HVAC system:** ☐ Gas-fired furnace or boiler with minimum AFUE of 90 percent a, or ☐ Air-source heat pump with minimum HSPF of 8.5 or ☐ Closed-loop ground source heat pump with minimum COP of 3.0
☐	**B**	**Ducted HVAC systems within conditioned space:** All ducts and air handler are contained within building envelope[j]
☐	**C**	**Ductless heat pump:** Replace electric resistance heating in at least the primary zone of dwelling with at least one ductless mini-split heat pump having a minimum HSPF of 8.5. Unit must not have integrated backup resistance heat, and the unit (or units, if more than one is installed in the dwelling) must be sized to have capacity to meet the entire dwelling design heat loss rate at outdoor design temperature condition. Conventional electric resistance heating may be provided for any secondary zones in the dwelling. A packaged terminal heat pump (PTHP) with comparable efficiency ratings may be used when no supplemental zonal heaters are installed in the building and integrated backup resistance heat is allowed in a PTHP
☐	**D**	**High-efficiency water heating and lighting:** Natural gas/propane, on-demand water heating with minimum EF of 0.80, or heat pump water heater with minimum EF of 1.8 (northern climate) and a minimum 75 percent of permanently installed lighting fixtures as CFL or linear fluorescent or a minimum efficacy of 40 lumens per watt as specified in Section N1107. 2[C]
☐	**E**	**Energy management device and duct sealing** Whole building energy management device that is capable of monitoring or controlling energy consumption, and Performance tested duct systems[b], and A minimum 75 percent of permanently installed fixtures as high efficacy lamps
☐	**F**	**Solar photovoltaic:** Minimum 1 watt/sq. ft. conditioned floor space[g]
☐	**G**	**Solar water heating:** Minimum of 40 ft^2 of gross collector area[h]

For SI: 1 square foot = 0.093 m^2, 1 watt per square foot = 10.8 W/m^2.

a. Furnaces located within the building envelope must have sealed combustion air installed. Combustion air must be ducted directly from the outdoors.

b. Documentation of Performance Tested Ductwork shall be submitted to the building official upon completion of work. This work shall be performed by a technician certified by the Performance Tested Comfort Systems (PTCS) program administered by the Bonneville Power Administration (BPA), documentation shall be proved that work demonstrates conformance to PTCS duct performance standards.

c. Section N1107.2 requires 50 percent of permanently installed lighting fixtures to contain high efficacy lamps. Each of these additional measures adds an additional percent to the Section N1107.2 requirement.

d. A = advanced frame construction, which must provide full required ceiling insulation value to the outside of exterior walls.

e. The maximum vaulted ceiling surface area must not be greater than 50 percent of the total heated space floor area unless vaulted area has a *U*-factor no greater than *U*-0.026.

f. Building tightness test must be conducted with a blower door depressurizing the dwelling 50 Pascal's from ambient conditions. Documentation of blower door test must be submitted to the Building Official upon completion of work.

g. Solar electric system size must include documentation indicating that Total Solar Resource Fraction is not less than 75 percent.

h. Solar water heating panels must be Solar Rating and Certification Corporation (SRCC) Standard OG-3OO certified and labeled, with documentation indicating that Total Solar Resource Fraction is not less than 75 percent.

i. A total of 5 percent of an HVAC systems ductwork must be permitted to be located outside of the conditioned space. Ducts located outside the conditioned space must have insulation installed as required in this code.