

Moisture Content Acknowledgement Form

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

Street Address

City

Permit#

If applicable:

Subdivision/Lot

and/or

Map and Tax Lot

To conform with the 2014 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 R109.1.5.2 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).

Signature

Date

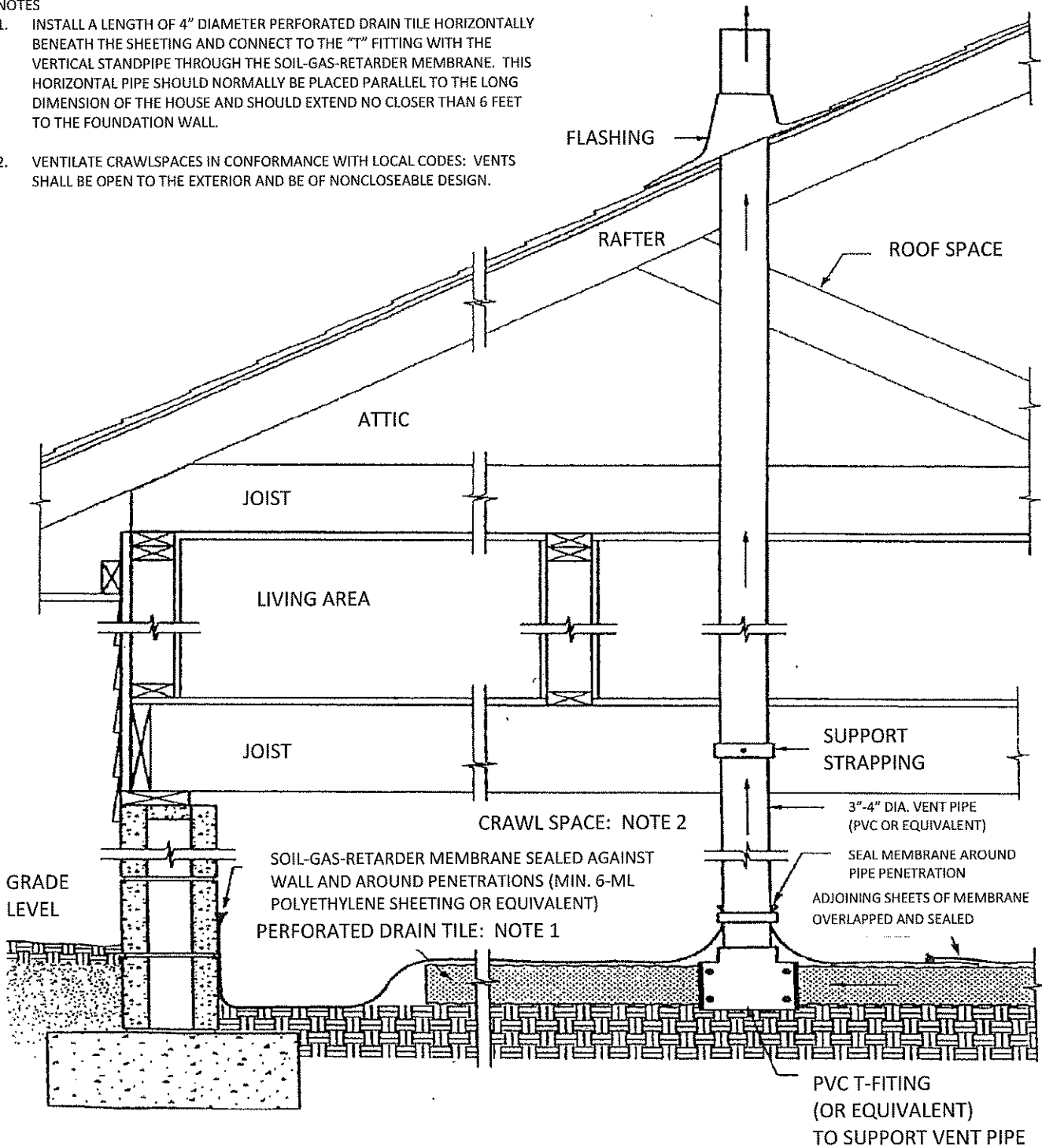
RADON MITIGATION

PASSIVE RADON CONTROL SYSTEM IN CRAWL SPACE FOR NEW CONSTRUCTION.

EXHAUST (10' FROM OPENINGS INTO
CONDITIONED SPACES OF BUILDING)
12" MIN. ABOVE ROOF

NOTES

1. INSTALL A LENGTH OF 4" DIAMETER PERFORATED DRAIN TILE HORIZONTALLY BENEATH THE SHEETING AND CONNECT TO THE "T" FITTING WITH THE VERTICAL STANDPIPE THROUGH THE SOIL-GAS-RETARDER MEMBRANE. THIS HORIZONTAL PIPE SHOULD NORMALLY BE PLACED PARALLEL TO THE LONG DIMENSION OF THE HOUSE AND SHOULD EXTEND NO CLOSER THAN 6 FEET TO THE FOUNDATION WALL.
2. VENTILATE CRAWLSPACES IN CONFORMANCE WITH LOCAL CODES: VENTS SHALL BE OPEN TO THE EXTERIOR AND BE OF NONCLOSEABLE DESIGN.



Appendix F: Radon mitigation AF103.4.8
provide documentation that the ducts conform to performance standards.

SITE ADDRESS:

PERMIT #:



Residential Certificate of Lighting Fixtures

City of Newberg – Building Division
414 E. First Street ▪ P.O. Box 970 ▪ Newberg, OR 97132
503-537-1240
www.newbergoregon.gov

To conform with the 2014 Oregon Residential Specialty Code (ORSC), Section N1107.2, I am notifying the building official that a minimum of 50 percent of the permanently installed lighting fixtures are compact or linear fluorescent, or a minimum efficacy of 40 lumens per input watt.

Additional Measures (check if applicable):

- To conform with Section N1101.1, additional measure "D" or "E" was selected. I am notifying the building official that a minimum of 75 percent of the permanently installed lighting fixtures are compact or linear fluorescent, or a minimum efficacy of 40 lumens per watt.
- To conform with Section N1101.1, additional measure 2 was selected. I am notifying the building official that a minimum of 65 percent of the permanently installed lighting fixtures are compact or linear fluorescent, or a minimum efficacy of 40 lumens per watt.

Date: _____

Building Permit Number: _____

Owner's Name: _____

Job Address: _____

City: _____ State: _____ Zip Code: _____

General Contractor / Owner Signature

Printed Name



Residential Energy Additional Measure Selection

City of Newberg – Building Division
414 E. First Street • P.O. Box 970 • Newberg, OR 97132
503-537-1240
www.newbergoregon.gov

Please select the type of construction

- New Construction.** All conditioned spaces within residential buildings must comply with Table N1101.1(1)
- Select one numbered and one lettered measure 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 m²) in area, whichever is less. (N1101.3.1)
- Select one numbered and one lettered measure from Table N1101.(2) on page 2

- 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. (N1101.3.2)
- Select one measure from Table N1101.1(2) on page 2 or comply with Table N1101.3

- Exception.** Additions that are less than 15 percent of existing building heated floor area or 200 square feet (18.58 m²) is area, whichever is less, are not required to comply with Table N1101.1(2) or Table N1101.3.

Selected item number: _____ Selected item letter: _____
• Depending on which additional measures you have selected, there may be sub-options to specify. Check the appropriate box if provided.

Date: _____

Building Permit Number: _____

Owner's Name: _____

Job Address: _____

City: _____ State: _____ Zip Code: _____

Applicant's Signature: _____

Printed 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 minimum 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 at 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 heater 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-0.058/R-21 Intermediate framing, and
Vaulted ceilings – U-0.033/R-30A^{4,c}, and
Flat ceilings – U-0.25/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^{4,c}, 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
 - 6.0 air changes per hour^f, or
 - 5.0 air changes per hour^f when used with conservation measure E, and 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^d
-
- 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^d
 - 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, 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/square foot conditioned floor space^g
 - G – Solar Water Heating**
Minimum of 40 ft² of gross collector area^h

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

- 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 must be submitted to the building official upon completion of work. This work must be performed by a contractor certified by the Oregon Department of Energy's (ODOE) Residential Energy Tax Credit program and documentation must be provided that work demonstrates conformance to ODOE 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 Pascals 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-300 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.

Rain Screen Acknowledgement Form

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

Street Address

City, State & Zip

Permit Number

Subdivision/Lot

and/or

Map and Tax Lot

To conform to the 2008 Oregon Residential specialty Code (ORSC), Section R703.1.1, I am notifying the Building Official that I am aware of the requirement of ORSC Section R703.1.1 and have taken steps to meet this code requirement. [Section R703 is provided for reference.]

Section R703.1.1 Exterior Wall Envelope. To promote building durability, the exterior wall envelope shall be installed in a manner that water that enters the assembly can drain to the exterior. The envelope shall consist of an exterior veneer, a water-resistive barrier as required in R703.2, a minimum 1/8 inch (3 mm) space between the water-resistive barrier and the exterior veneer, and integrated flashings as required in R703.8. The required space shall be formed by the use of any non-corrodible furring strip, drainage mat or drainage board. The envelope shall provide proper integration of flashings with the water-resistive barrier, the space provided and the exterior veneer. These components, in conjunction, shall provide a means of draining in water that enters the assembly to the exterior.

This form must be completed at “Submittal”.

Signature

Date

City of Newberg PUBLIC WORKS — ENGINEERING Erosion Control & Sedimentation Permit Application



DESCRIPTION OF WORK (check one of the following options):

- Sing Family Residence Erosion Control (Disturbing under 1 acre)
 1200CN (Disturbing between 1-5 acres)
 1200C (Disturbing over 5 acres, DEQ required)

Project Name: _____
 Project Address: _____
 Project Tax Map & Lot Number: _____
 Project Site Size: _____ acres Disturbed Work Area: _____ acres
 Project Site Runoff Drains to (check one):
 Catch Basin Ditch Pipe Creek Other: _____
 Project is on (check one): Private Property Public Property

Property Owner Name: _____
 Address: _____
 City/state: _____ Zip: _____
 Phone: _____ Email: _____
 Signature: _____

Applicant Name: _____
 Address: _____
 City/state: _____ Zip: _____
 Phone: _____ Email: _____
 Signature: _____

General/Excavation Contractor Name: _____
 Address: _____
 City/state: _____ Zip: _____
 24hr Phone: _____ Email: _____
 CCB#: _____
 Contact name & Title: _____

PERMIT INFORMATION

PW Permit No: _____
 Bldg Permit No: _____
 Date Received: _____
 Date Paid: _____
 Receipt: _____
 Date Issued: _____ By: _____

FOR STAFF USE ONLY

PERMIT FEE: _____
 Application submittal fee: \$ _____
 Additional fees: \$ _____
 Application accepted:
 By: _____ Date: _____
 Application reviewed:
 By: _____ Date: _____
 Applicant notified:
 By: _____ Date: _____

ADDITIONAL INFORMATION

Meter Size (Circle what applies):

¾" 1" 1.5" 2" 3" 4" 6" 8" 10"

Number of backflow devices: _____

Wastewater Lateral Size (Circle what applies): 4" 6" 8"

Wastewater Class (check what applies):

- Residential;
- Multi-residential (BOD or 55 > 1 ½ lbs/100 cf);
- Nonstandard Discharge Strength. All nonresidential users with discharge strengths (ROD or 55) in excess of one and one-half pounds per 100 cubic feet (240 mg/liter) of discharge flow;
- Industrial (BOD or 55 > 1 ½ lbs/100 cf);
- Commercial 1 Discharge Strength (BOD or 55 > 1 ½ lbs/100 cf);
- Commercial 2 Discharge Strength;
- George Fox University; and
- Public agencies.

Applicant/Authorized Agent's signature

Print name

Date

NOTE: Person specified as "Applicant" shall be designated "Permittee" and shall provide financial assurance for work, if required by the city pursuant to Design and Construction Standards.

*** BY SIGNING ABOVE, THE APPLICANT(S) SHALL CERTIFY THAT:**

- The above request does not violate any recorded deed restrictions that may be attached to or imposed upon the subject property.
- *If the application is granted, the applicant will exercise the rights granted in accordance with the terms and subject to all the conditions and limitations of the approval.*
- *All of the above statements and the statements in any plan, attachments, and exhibits transmitted, are true; and the applicants so acknowledge that any permit issued, based on this application, may be revoked if it is found that any such statements are false.*
- *The applicant has read the entire contents of the application, including the policies and criteria, and understands the requirements for approving or denying the application.*

ENGINEERING FEES

Public Improvement Application (PIA):

PLAN REVIEW FEE

Part 1: Required submittal fee 25% cost of public improvements

PERMIT FEE

Part 2: 33% cost of public improvements

REQUIREMENTS FOR ISSUANCE OF A PERMIT:

1. At the time of submittal of this application, the applicant shall submit a preliminary engineer's estimate.
2. A Public Improvement Development Permit will not be issued without an appropriate ESC Permit or any other required permit.
3. Contractor must be prequalified by the City and acquire a City of Newberg Business License prior to issuance of a Public Improvement Permit.
4. The contractor and any subcontractor shall not commence work until the contractor has obtained all insurance requirements including general liability insurance.
5. Applicant shall deliver to the City assurance such as a bond, bank credit or cash for the purpose of assuring full and faithful completion of all required improvements to existing public facilities within the public right-of-way, easements and of repair work to such public facilities which are damaged as a result of the development. All assurance shall be equivalent to the value of the improvements or repair work.
6. Applicant is to assure that all work performed in the public right-of-way results in the public right-of-way being restored to its original or better condition.

FOR STAFF USE ONLY

DETAILED SUBMITTAL REQUIREMENTS

FRANCHISE UTILITY AND SIDEWALK/ DRIVEWAY AND UTILITY CONNECTIONS, ETC.

(work in the right of way)

Plans

(including information below)

- Dimensions
- Street Name
- Site Address

FULL SCALE DEVELOPMENT

(Subdivisions/Partitions and Street Improvements)

Design Plans

(3 sets, 24x36 or 22x34)

- Cover – Site, Vicinity, Abbreviation, Legend
- General Notes (City, Water, Sewer, etc.)
- Street (Plan, Profile)
- Water, Storm and Sanitary (Plan Profile)
- Stormwater Facilities
- Grading
- Landscaping/Tree Plan
- Composite Utility Plan (Electrical, Phone, Gas, Storm, Sanitary, Water, Signage, Street Lights, etc)
- Details
- Sight Distance Certification
- Signing and Striping
- Street Light Plan and Photometric
- Engineers seal/signature

Additional Submittals

- Traffic Report
- Storm water Drainage Calculations
- Geotechnical Report
- Preliminary Access Report (Sight Distance)
- Proposed Plat
- Pavement Section Design Report
- Water System Evaluation Report
- Wastewater Conveyance Report