



NORTHWEST CODE  
PROFESSIONALS

## EXTERIOR WALL ENHANCED WALL DRAINAGE

The Building Code requires the exterior walls of structures regulated by the 2017 Oregon Residential Specialty Code (with the exception of non-habitable accessory structures) be constructed in such a way that any water entering the wall assembly from the exterior can drain out. This form is intended to identify which provision of the code your project will utilize to meet the requirements for exterior walls. Applicants are asked to complete this form by selecting which provision of the code their project meets and providing the required submittal information associated with that requirement either on this form or as part of the construction documents.

The code section outlining exterior wall envelope requirements (R703.1.1) is included on the other side of this sheet, and the code in its entirety can be viewed on the BCD website ([www.bcd.oregon.gov](http://www.bcd.oregon.gov)).

Choose One	Code Section	Code Requirement	Information Required as Part of Submittal
	R7303.1.1	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 Section R703.2, a minimum 1/8 inch space between the water-resistive barrier and the exterior veneer, and integrated flashings as required in Section 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 water that enters the assembly to the exterior.	Water Resistive Barrier (specify projects):  Exterior Veneer(s):  Furring Material (specify product):
	Exception 1	A space is not required where the exterior veneer is installed over a water-resistive barrier complying with Section R703.2 that is manufactured in a manner to enhance drainage and meets the 75-percent drainage efficiency requirement of ASTM-E2273 or other recognized national standards.	Water-Resistive Barrier (specify product(s)):  Exterior Veneer(s):
	Exception 2	A space is not required where window sills are equipped with pan flashings that drain to the exterior surface of the veneer in a through wall fashion. All pan flashings shall be detailed within the construction documents and shall be of either a self-adhering membrane complying with AAMA711-07 or of an approved corrosion-resistant material or a combination thereof. Self-adhering membranes extending to the exterior surface of the veneer shall be concealed with trims or other measures to protect from sunlight.	If electing this exception, provide complete construction details for all window pan flashing conditions in the construction documents.  Pan Flashing Material(s):
	Exception 3	A space is not required for detached accessory structures.	See Section 2 for definition of "accessory structures"
	Exception 4	A space is not required for additions, alterations or repairs where the new exterior veneer is; a. Matching the existing exterior veneer; <b>and</b> b. Installed in the same plane as the existing veneer without a change in direction or use of a control joint; <b>and</b> c. Installed over a water-resistive barrier complying with Section R703.2.	If electing this option your documents and construction work must be in conformance with <b>all three requirements</b> in R703.1.1 exception #4 items 4.1 thru 4.3.
	Exception 5	The requirements of Section R703.1.1 shall not be required over concrete or masonry walls designed in accordance with Chapter 6 and flashed according to Section R703.4 or R703.8.	If electing this option, provide complete construction details for exterior flashing.
	Exception 6	Compliance with the requirements for a means of drainage, and the requirements of Section R703.2 and Section R703.4, shall not be required for an exterior wall envelope that has been demonstrated to resist wind-driven rain through testing of the exterior wall envelope, including joints, penetrations and intersections with dissimilar materials, in accordance with ASTM E331.	See Section R703.1.1 Exception 6 included in this form. Submit all required testing and listing information on the construction documents in compliance with ASTM E331 and R703.1.1 Exc. 6.

The undersigned attests for the fact they are aware of the exterior wall envelope requirements of R703.1.1. Further, the undersigned hereby assures the project associated with this submittal document will be constructed in conformance with the code provision(s) selected above and all other associated code provisions applicable to exterior wall construction. If the exterior wall envelope design approved as part of the permit documents is altered or amended during the course of construction, the undersigned will resubmit the changes and obtain the required approval from the Building Official prior to proceeding as required by ORSC section R106.4.

Applicant or Owner Name \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

Permit No. \_\_\_\_\_

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