



# 2018 RESIDENTIAL PRESCRIPTIVE ENERGY CODE WORKSHEET

## 2018 WSEC (Effective February 1, 2021)

### Residential Prescriptive Requirements

#### PRESCRIPTIVE ENERGY CODE COMPLIANCE FOR CLIMATE ZONE MARINE 4

Component	Fenestration <sup>1</sup>		Ceiling w/ Attic	Vaulted Ceiling	Wood Framed Wall (Int.) <sup>2</sup>	Mass Wall (Above grade)	Below-Grade Wall <sup>2,3</sup>	Framed Floor	Slab R-Value & Depth
	Vertical	Overhead							
Prescriptive Value	U. 0.30 max.	U. 0.50 max.	R-49 min.	R-38 min.	R-21 min.	R-21 min.	R- 10/15/21 Int. + TB	R-30 min.	R-10 min. 2'

<sup>1</sup> Fenestration is defined as skylights, roof windows, vertical windows (fixed or moveable), opaque doors, glazed doors, glazed block and combination opaque/glazed doors. Fenestration includes products with glass and non-glass glazing materials.

<sup>2</sup> Int. (intermediate framing) denotes standard framing 16" o.c. with headers insulated with a minimum R-10 insulation.

<sup>3</sup> 10/15/21 +TB" means R-10 continuous insulation on the exterior of the wall, or R-15 on the continuous insulation on the interior of the wall, or R-21 cavity insulation plus a thermal break between the slab and the basement wall at the interior of the basement wall. "10/15/21 +5TB" shall be permitted to be met with R-13 cavity insulation on the interior of the basement wall plus R-5 continuous insulation on the interior or exterior of the wall. "5TB" means thermal break between floor slab and basement wall.

Residential Energy Code Forms for permit submittal are available at:  
<http://www.energy.wsu.edu/BuildingEfficiency/EnergyCode.aspx>