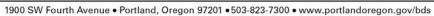


City of Portland, Oregon - Bureau of Development Services





Checklist and Submittal Requirements for Prescriptive Installations of Solar Photovoltaic and Solar Water Heating Systems in accordance with Oregon Solar Installation Specialty Code (OSISC)

Instructions

Complete the following with all the information requested. This form must be submitted along with the application for installation

installation.			
Property Ow	ner Information		
Property Owner N	roperty Owner Name:Installation Address:		
Day Phone:	Evening Phone: _	Email	
Contractor:	3 32 50 00	CCB#:	
Day Phone:	Evening Phone: _	Email	
PV Modules	or Solar Water Heating C	ollectors	
Manufacturer:	Model Number	:Listing Ag	gency:
Site Plan and	d Structural Plan		
	e site plan showing the location of the lines, and, as applicable, flood hazar		system in relation to buildings, struc-
attachment. Pl			pacing) and PV module system racking uirements of section 304.9 of OSISC or
 Attach simple i 	ouilding elevation.		
 The plans mus 	t be on 8.5 x 11 or larger paper.		
Structural In	formation		
Roof Desig	n and Attachment		
 Roof rafter 	size: x inches OR Manuf	actured Trusses	
 Rafter or n 	nanufactured roof truss spacing	inches o.c.	
Specialty 0	fters, maximum rafter span allowed p Code (OSISC) (www.oregonbcd.org/p roof rafters is ft inches.		
Checklist to	determine if your installatio	n qualifies for prescri	ptive path
☐ Yes ☐ No	Is this conventional light framed we	ood construction?	
☐ Yes ☐ No	Does the structure have pre-engin	eered trusses?	
	OR		
	Does structure have roof framing rapplicable allowable span in table cialty Code (OSISC)?		

☐ Yes	□ No	Is the roofing material metal, single layer wood shingle, or not more than two layers of cotion shingle?	omposi-	
☐ Yes	□ No	Is the weight of the modules and racking less than 4.5 pounds per square foot?		
☐ Yes	□ No	Is the module height less than 18 inches above the roof in accordance with section 305.	4?	
		For Standing Seam Metal Roofs Only (If not applicable please skip this sec	ction)	
☐ Yes	□ No	Is the metal gauge 26 or heavier?		
☐ Yes	□ No	Clamp design: Are clamps designed to withstand uplift of at least 115 pounds for clamps at 60 inches on center or less or at least 75 pounds for clamps spaced at 48 inches on cless?		
☐ Yes	□ No	Is the spacing of the clamps as measured along the seam greater than or equal to 24" or less than 60" o.c. AND the spacing perpendicular to the seam not greater than 24" o.c.?		
☐ Yes	☐ No	Is the roofing panel width 18-inches or greater?		
Yes	☐ No	Is the roofing panel attached with at least #10 screws at 24" o.c.?		
☐ Yes	□ No	Is the roofing panels installed over minimum 1/2-inch nominal wood structural panels att to framing with 8d nails at 6" o.c. at panel edges and 12" o.c. field nailing?	ached	
If you have indicated "No" on any of these requirements above, the project may not be submitted using the prescriptive path.				
Fire Figl	hter A	Access and Escape		
Access and escape pathways are not required when the array is located on a non-occupied accessory structures that is separated from occupied structures by a 6 foot minimum separation distance or by a minimum two-hour fire rated assembly.				
General Requirements: For all other roof mounted systems, a minimum 36" wide pathway is required along three sides of the solar roof, located over a structurally supported area. Any roof with a slope greater than 2:12 can not use the bottom roof edge as a pathway. Pathways and solar panels shall be located outside 12" of the low point of a valley.				
If the array is greater than 150 feet in length or width, additional 36" wide intermediate pathways and cutouts are required. See code for details.				
If the roof has smoke and/or heat vents, a 36" pathway shall be provided to and around each vent.				
Exceptions to General Requirements:				
□ Yes □	No Is	s the roof slope greater than 2:12?		
□ Yes □	No Is	s the array area 1,000 sq ft or less?		
□ Yes □	No Is	s the array 150 feet or less in length or width?		
If you have indicated "No" to any of the items above, exceptions do not apply, provide a simple plan conforming with the general requirements.				
If you have ments.	indicate	ted "Yes" to all of the items above, see below for reduced access and escape pathw	ay require-	
Is the array	/ 25% or	or less of the roof area? ☐ Yes ☐ No		
 If Yes, a 12" pathway along each side of any horizontal ridge is required. 				
 If No, a 12" pathway along each side of any horizontal ridge is required and a minimum of one 36" pathway is required from ridge to eave over a structurally supported area. 				
Provide a simple plan showing conformance to the reduced access pathway requirements.				
As the property owner or authorized representative of the above listed property, I certify that I have verified the information provided above and that the roof rafters (if applicable to the project), meet the span requirements of Table 305.4.1 (Appendix B) of the Oregon Solar Installation Specialty Code.				
Applicant n	name (pl	olease print)DateDate		