

304.8 Roof Drainage. PV systems shall not be installed in a manner that would obstruct roof drainage. ~~Roof valleys shall be unobstructed for 12 inches (305 mm) each side of the lowpoint.~~ **No vertical supports or roof penetrations shall be allowed within 12 inches (305 mm) each side of the low point of the valley. The array may extend into the valley no more than 6” from the valley low point provided that it sits a minimum of 3 inches above the surface of the roof.**

In a meeting at the Energy Trust of Oregon, Dave MacClelland (ETO), Bryan Shull (Operations Manager, Oregon, REC Solar), Adam Ward (Design Engineer, REC Solar), Steven McGrath (President, Sustainable Solutions Unlimited), Vinve McClellan (President, Energy Design), Jonathan Cohen (Principal, Imagine Energy), Andrew Koyaanisqatsi (President, Solar Energy Solutions), and Jaimes Valdez (City of Portland Renewable Energy Specialist), discussed section 304.8 and agreed upon the above language as acceptable and, in their experience, would allow sufficient drainage while also preventing arrays from “spanning” a valley.