

 <p>CITY OF <b>SAN JOSE</b> CAPITAL OF SILICON VALLEY</p> <p><i>Planning, Building and Code Enforcement</i></p>	#15 – PLAN REVIEW NOTE	January 1, 2017
<h2>Use of Simpson H1 Type Hardware for Shear Transfer</h2>		

Directions for engineers regarding the use Simpson H1 hardware.

### CODE REFERENCE

2016 California Building Code (CBC)

### FINDINGS

Except when conventional construction provisions are used, the use of H1 ties and similar hardware for shear transfer from roof or floor diaphragms to the top plates are prohibited. Such mechanism for shear transfer may subject the rafter/joists to cross grain bending, which is not considered as a positive means of transferring lateral loads.