



## 2018 IRC Question Of The Week

Where a townhouse in Seismic Design Category C utilizes anchor bolts to anchor braced wall line sill plates to the foundation, plate washers not less than \_\_\_\_\_ shall be provided between those sill plates and the nut except where approved anchor straps are used.

- A) 2" x 2"
- B) 3" x 3" ←
- C) 3-1/2" x 3-1/2"
- D) Plate washers not required in Design Category C

**R602.11 Wall anchorage.** *Braced wall line* sills shall be anchored to concrete or masonry foundations in accordance with Sections R403.1.6 and R602.11.1.

**R602.11.1 Wall anchorage for all buildings in Seismic Design Categories D<sub>0</sub>, D<sub>1</sub> and D<sub>2</sub> and townhouses in Seismic Design Category C.** Plate washers, not less than 0.229 inch by 3 inches by 3 inches (5.8 mm by 76 mm by 76 mm) in size, shall be provided between the foundation sill plate and the nut except where *approved* anchor straps are used. The hole in the plate washer is permitted to be diagonally slotted with a width of up to  $\frac{3}{16}$  inch (5 mm) larger than the bolt diameter and a slot length not to exceed  $1\frac{3}{4}$  inches (44 mm), provided a standard cut washer is placed between the plate washer and the nut.

