

# Department of Planning Building Control Policy



**Title: Seismic Provision**  
**Number:**  
**Revised Date: 24 May 2018**  
This Policy supersedes any and all older ones

## 2016 (2009 ICC) Cayman Islands Building Code

### **Section 1613 Earthquake Loads**

**1613.5 Seismic ground motion values.** Seismic ground motion values shall be determined in accordance with this section.


~~**1613.5.1 Mapped acceleration parameters.** The parameters  $S_s$  and  $S_1$  shall be determined from the 0.2 and 1-second spectral response accelerations shown on Figures 1613.5(1) through 1613.5(14). Where  $S_1$  is less than or equal to 0.04 and  $S_s$  is less than or equal to 0.15, the structure is permitted to be assigned to *Seismic Design Category A*.~~

**1613.5.1 Mapped acceleration parameters.** The parameters  $S_s$  and  $S_1$  shall be determined from the 0.2 and 1-second spectral response accelerations as listed below for the Cayman Islands

$$S_s (0.2 \text{ sec}) = 0.695g$$

$$S_1 (1.0 \text{ sec}) = 0.300g$$

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