

# USGS Design Maps Summary Report

## User-Specified Input

**Building Code Reference Document** 2012/2015 International Building Code  
(which utilizes USGS hazard data available in 2008)

**Site Coordinates** 27.018°N, 82.06°W

**Site Soil Classification** Site Class D – “Stiff Soil”

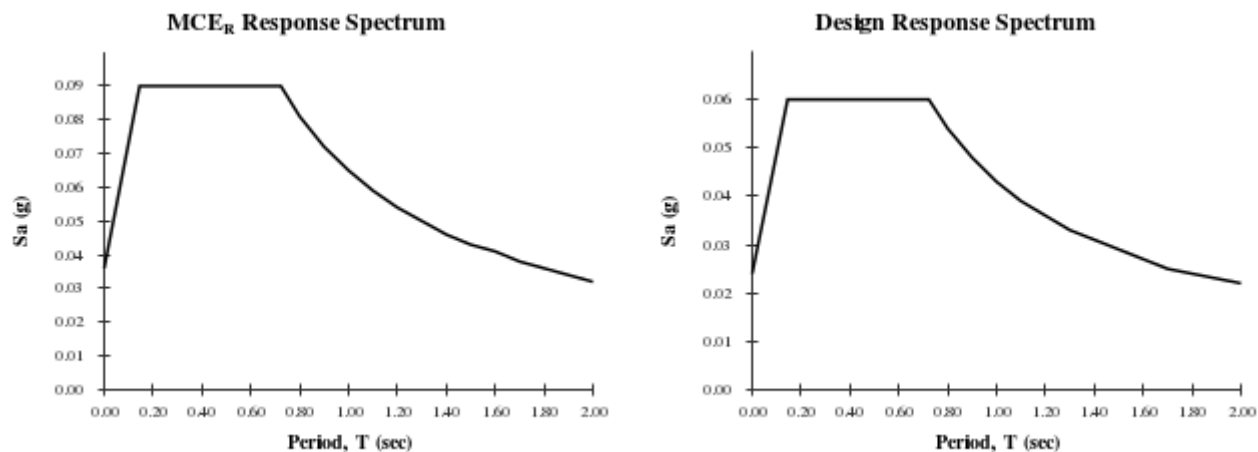
**Risk Category** I/II/III



## USGS-Provided Output

$S_s = 0.056 \text{ g}$	$S_{MS} = 0.090 \text{ g}$	$S_{DS} = 0.060 \text{ g}$
$S_1 = 0.027 \text{ g}$	$S_{M1} = 0.065 \text{ g}$	$S_{D1} = 0.043 \text{ g}$

For information on how the  $S_s$  and  $S_1$  values above have been calculated from probabilistic (risk-targeted) and deterministic ground motions in the direction of maximum horizontal response, please return to the application and select the “2009 NEHRP” building code reference document.



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