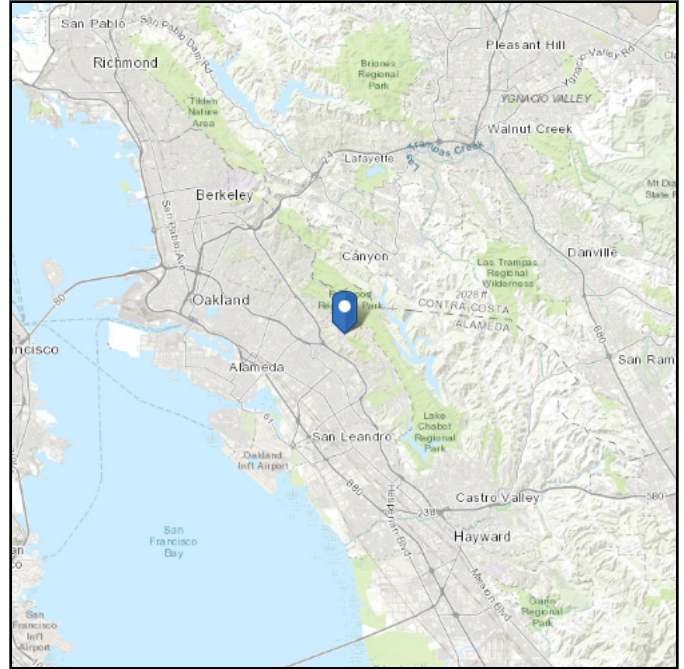


ASCE 7 Hazards Report

Address:
No Address at This
Location

Standard: ASCE/SEI 7-16
Risk Category: III
Soil Class: C - Very Dense
Soil and Soft Rock

Elevation: 870.35 ft (NAVD 88)
Latitude: 37.789241
Longitude: -122.163833

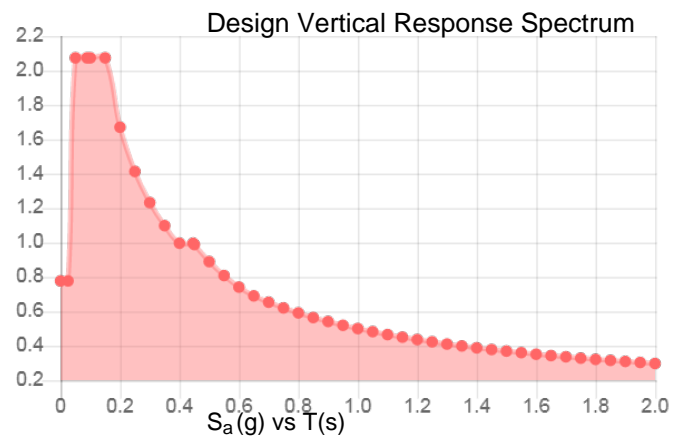
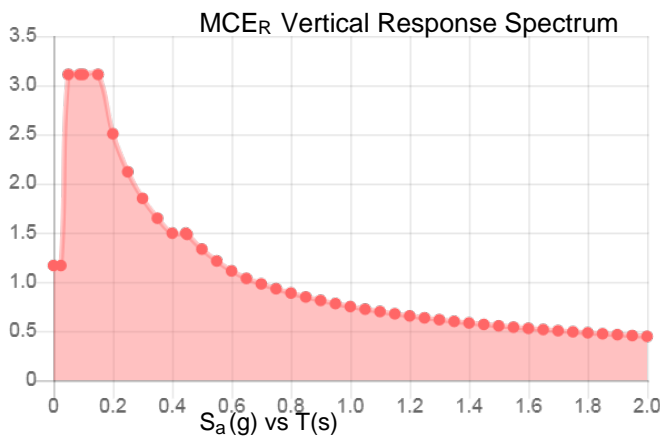
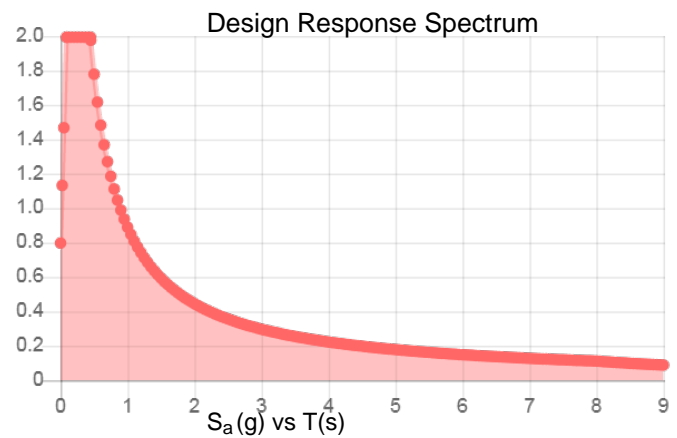
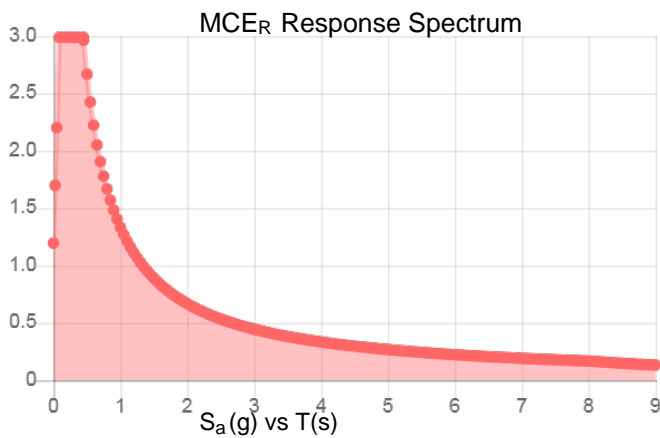


Site Soil Class: C - Very Dense Soil and Soft Rock

Results:

S_s :	2.491	S_{D1} :	0.889
S_1 :	0.952	T_L :	8
F_a :	1.2	PGA :	1.042
F_v :	1.4	PGA _M :	1.25
S_{MS} :	2.989	F_{PGA} :	1.2
S_{M1} :	1.333	I_e :	1.25
S_{DS} :	1.993	C_v :	1.3

Seismic Design Category E



Data Accessed:

Thu Dec 05 2019

Date Source:

USGS Seismic Design Maps based on ASCE/SEI 7-16 and ASCE/SEI 7-16 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-16 Ch. 21 are available from USGS.

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