

# S.F.D. / R-3 -Addition & Remodeling

Write a description for your map.

## Legend



255 Ely Rd N



Construction Site -  $38^{\circ}16'56.59''\text{N}$  /  $122^{\circ}39'31.39''\text{W}$

Google Earth

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200 ft

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## Legend



255 Ely Rd N



Construction Site - 38°16'56.59"N / 122°39'31.39"W

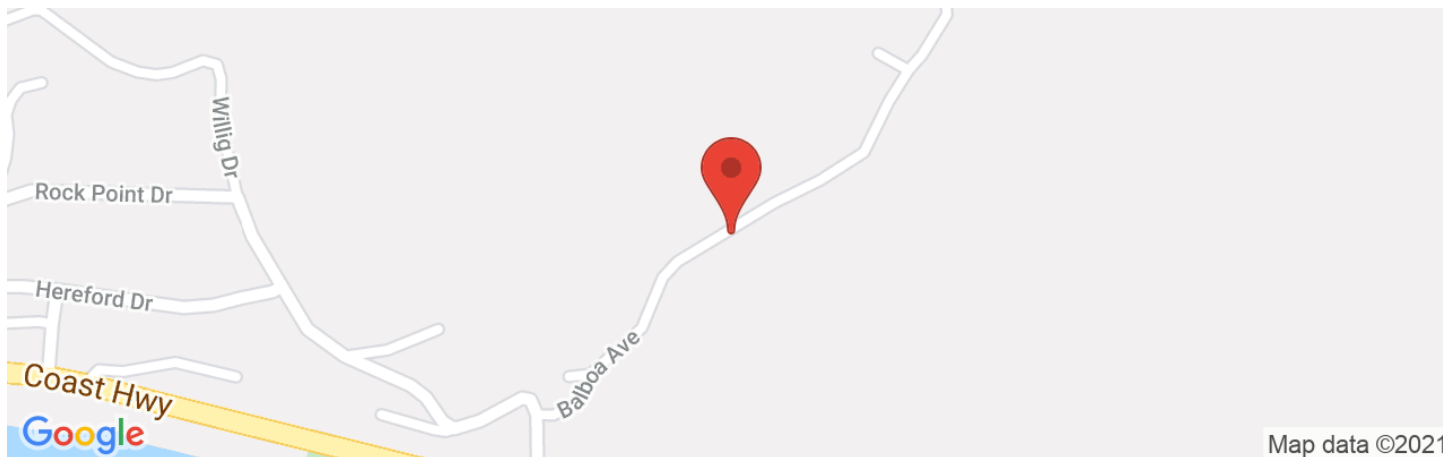




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9081 Balboa Ave, Jenner, CA 95450, USA

Latitude, Longitude: 38.4518224, -123.1136446



|                                       |                                  |
|---------------------------------------|----------------------------------|
| <b>Date</b>                           | 8/19/2021, 3:15:19 PM            |
| <b>Design Code Reference Document</b> | ASCE7-16                         |
| <b>Risk Category</b>                  | II                               |
| <b>Site Class</b>                     | D - Default (See Section 11.4.3) |

| Type     | Value                    | Description                                    |
|----------|--------------------------|------------------------------------------------|
| $S_S$    | 2.122                    | $MCE_R$ ground motion. (for 0.2 second period) |
| $S_1$    | 0.881                    | $MCE_R$ ground motion. (for 1.0s period)       |
| $S_{MS}$ | 2.547                    | Site-modified spectral acceleration value      |
| $S_{M1}$ | null -See Section 11.4.8 | Site-modified spectral acceleration value      |
| $S_{DS}$ | 1.698                    | Numeric seismic design value at 0.2 second SA  |
| $S_{D1}$ | null -See Section 11.4.8 | Numeric seismic design value at 1.0 second SA  |

| Type      | Value                    | Description                                                                               |
|-----------|--------------------------|-------------------------------------------------------------------------------------------|
| SDC       | null -See Section 11.4.8 | Seismic design category                                                                   |
| $F_a$     | 1.2                      | Site amplification factor at 0.2 second                                                   |
| $F_v$     | null -See Section 11.4.8 | Site amplification factor at 1.0 second                                                   |
| PGA       | 0.909                    | $MCE_G$ peak ground acceleration                                                          |
| $F_{PGA}$ | 1.2                      | Site amplification factor at PGA                                                          |
| $PGA_M$   | 1.091                    | Site modified peak ground acceleration                                                    |
| $T_L$     | 12                       | Long-period transition period in seconds                                                  |
| $S_{sRT}$ | 2.436                    | Probabilistic risk-targeted ground motion. (0.2 second)                                   |
| $S_{sUH}$ | 2.79                     | Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration  |
| $S_{sD}$  | 2.122                    | Factored deterministic acceleration value. (0.2 second)                                   |
| $S_{1RT}$ | 1.04                     | Probabilistic risk-targeted ground motion. (1.0 second)                                   |
| $S_{1UH}$ | 1.198                    | Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration. |
| $S_{1D}$  | 0.881                    | Factored deterministic acceleration value. (1.0 second)                                   |
| $PGAd$    | 0.909                    | Factored deterministic acceleration value. (Peak Ground Acceleration)                     |
| $C_{RS}$  | 0.873                    | Mapped value of the risk coefficient at short periods                                     |

| Type            | Value | Description                                             |
|-----------------|-------|---------------------------------------------------------|
| C <sub>R1</sub> | 0.868 | Mapped value of the risk coefficient at a period of 1 s |



# FEMA's National Flood Hazard Layer (NFHL) Viewer

with Web App

