BUILDING DESIGN CRITERIA

RAINFALL & STORM DRAINAGE

2019 CPC Chapter 11 Appendix “D” Table D-101.1
100 year, 60-minute duration
1.5 inches/hour
0.016 GPM/SF

GROUND SNOW LOADS

2019 CBC Volume 2 Section 1608 & Figure 1608.2- None
http://snowload.atcouncil.org/

WIND SPEED

2019 CBC Volume 2 Section 1609 & Table 1609.3.1- 110 mph (ult.)
http://windspeed.atcouncil.org/

SEISMIC DESIGN- Site Soil Classification

Location specific by longitude and latitude- As required by 2016 CBC Section 1613 or as determined by Soils Engineer https://hazards.atcouncil.org

PLUMBING FIXTURES

2019 CPC Table 422.1 using occupant loads factor from CPC Chapter 4, Table A

CLIMATE ZONE

Zone 5 - Per 2019 California Energy Code

CRC Table R301.2(1)
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

<table>
<thead>
<tr>
<th>GROUND SNOW LOAD</th>
<th>WIND DESIGN</th>
<th>SEISMIC DESIGN CATEGORY</th>
<th>SUBJECT TO DAMAGE FROM</th>
<th>WINTER</th>
<th>ICE BARRIER UNDERLAYMENT REQUIRED</th>
<th>FLOOD HAZARDS</th>
<th>AIR FREEZING INDEX</th>
<th>MEAN ANNUAL TEMP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed (mph)</td>
<td>Topographic effects</td>
<td>Special wind region</td>
<td>Windborne debris zone</td>
<td>Weathering</td>
<td>Frost line depth</td>
<td>Termites</td>
<td>40°F</td>
<td>Refer to Chapter 17.78 of San Luis Obispo Municipal Code</td>
</tr>
<tr>
<td>0</td>
<td>110</td>
<td>YES</td>
<td>YES</td>
<td>NO</td>
<td>D</td>
<td>Negligible</td>
<td>Very High</td>
<td>NO</td>
</tr>
</tbody>
</table>

See page 52, 2019 CRC for footnotes

Revised Jan. 2020