

CZU LIGHTNING COMPLEX FIRES



Phone 831-454-5323
Email RPC@SantaCruzCounty.Us

Recovery Permit Center (RPC) Geotechnical Report Waiver Request

Please fill out the information below, read the instruction on the next page, complete the questionnaire and sign the last page.

PROPERTY DESCRIPTION

Property Address:

APN:

PROPERTY OWNER INFORMATION

Owner Name:

Mailing Address:

City:

State:

Zip Code:

Email:

Phone:

DESIGN PROFESSIONAL (CA Licensed Engineer)

Company Name:

Contact Name:

License #:

Expires:

Address:

State:

Zip Code:

Email:

Phone:

PRIMARY CONTACT

Contact Name:

Firm/License #:

Address:

City:

State:

Zip Code:

Email:

Phone:



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INSTRUCTIONS

For one-story residences and one-story habitable accessory structures with non-eccentric loading, the responsible design professional (a California State licensed engineer) may request that the Santa Cruz County Building Official waive the requirement for a geotechnical investigation report based on their observations and professional opinion that the site conditions and proposed construction do not indicate that such a report is necessary. When a California State licensed Geotechnical Engineer is involved in the project, the Geotechnical Engineer must conduct the observations and produce the request for waiver, not the civil or structural engineer.

Refer to the relevant portion of the 2019 California Building Code (CBC) section 1803; in particular: sections 1803.2 through 1803.3. The "Investigated Conditions" that are required to be addressed in a geotechnical investigation report are found in Sections 1803.5.1 through 1803.5.12 of the 2019 CBC, and along with requirements set forth in Santa Cruz County Code Chapters 16.10 and 16.20 serve as the basis for the attached questionnaire.

Answer the questions on next page by circling Y or N. For questions that reference Santa Cruz County GIS mapping layers, these may be accessed via gis.santacruzcounty.us/gisweb under the "Hazards and Geophysical" category. Please note that when answering, building sites should be located on the GIS map using latitude/longitude coordinates entered under the "Measure & Lat/Long" tab at the top of the screen and not using the assessor's parcel number.

If the answer to any of the questions in items 1 through 13 is "Yes" then a full geotechnical investigation will be required per code requirements. Do not request a waiver.

If the answer to all of the questions in items 1 through 13 are "No" then the responsible design professional must submit a formal letter requesting that the County of Santa Cruz waive the requirement for a geotechnical investigation report based on their observations and professional opinion that the site conditions and proposed construction methods and materials do not indicate that such a report is warranted.

New foundations for structures granted a soils report waiver shall comply with the following:

- In the absence of a Geotechnical Investigation, the maximum allowable soil bearing pressure used for foundation design is 1,500 psf per California Building Code Table 1806.2 for Class 5 soils: and
- All footings shall be a minimum of 12" wide and 18" below undisturbed natural grade for single story structures unless deeper footings are required to satisfy structural requirements.

The responsible design professional must have full confidence that the answers are "No", as the County of Santa Cruz and the property owner(s) are relying on their observations and conclusions as the basis for the waiver. The potential future liability is placed wholly on the design professional requesting the waiver. In order to complete a timely review, the letter should be submitted at the time of initial building permit application along with your other submittal documents.



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RECOVERY PERMIT CENTER

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INSTRUCTIONS (CONT.)

The waiver request letter must include the following:

- This form with the completed questionnaire, signed.
- Date of the letter
- Address to the Recovery Permit Center (RPC)
- Site address
- Latitude/longitude
- Assessor's Parcel Number (APN)
- Date of site observations
- Statement requesting waiving of CBC 1803.2 requirement for a soils investigation
- Classification of the soils per item 1 of this policy (CBC 1803.5.1)
- Site, soils and construction observations and explanations in distinct detail pertaining to the "No" answers appropriate to each of items 1 through 13 of this policy (CBC1803.5.2 through CBC 1803.5.12)
- Summary statement of the responsible design professional's opinion that a full geotechnical investigation is not warranted based on the observed conditions at the site and/or the scope of the proposed construction, based on the 12 criteria/ items below.
- Stamped and wet-signed by the responsible licensed engineer

QUESTIONNAIRE

1. Questionable Soil: (2019 CBC 1803.5.2)

- Are there soil conditions or evidence with existing structures that indicate soils of questionable bearing capacity? Yes No
- Does the building envelope contain existing cut or fill slopes? Yes No

2. Expansive Soil: (2019 CBC 1803.5.3)

- Are there soil conditions or evidence with existing structures that indicate expansive soils?
 Yes No

3. Ground Water Table: (2019 CBC 1803.5.4)

- Is there evidence of a "high" ground-water table and/or will there be floor levels below grade?
 Yes No

4. Deep Foundation: (2019 CBC 1803.5.5)

- Does the design utilize a pile and pier, or other deep foundation method? Yes No
- Does the building envelope slope more than 20%? Yes No

5. Rock Strata: (2019 CBC 1803.5.6)

- Are issues indicated with variations or doubtful characteristics in the subsurface rock strata?
 Yes No

6. Excavations Near Foundation: (2019 CBC 1803.5.7)

- Will there be excavation that will remove lateral support from any foundation?
 Yes No



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7. Compacted Fill Materials: (2019 CBC 1803.5.8)

- Will there be shallow foundations bearing on compacted fill more than 12" in depth?
 Yes No

8. Controlled Low-Strength Material; (2019 CBC 1803.5.9)

- Will shallow foundations bear on fill of controlled low-strength material?
 Yes No

9. Alternate Setback and Clearances: (2019 CBC 1803.5.10)

- For slopes of 33.3% or greater; will the structure be placed on the slope, close to an ascending slope, or close to a descending slope? Yes No
- Is the proposed setback less than the minimum prescribed in 2019 CBC section 1808.7?
 Yes No

10. Seismic Design Category C through F: (2019 CBC 1803.5.11)

- Do conditions indicate potential hazards of slope instability, liquefaction, differential settlement or surface rupture due to faulting or lateral spreading? Yes No

11. Seismic Design Category D through F (2019 CBC 1803.5.12 *See note below)

- Do conditions indicate potential hazards of slope instability, liquefaction, differential settlement or surface rupture due to faulting or lateral spreading? Are foundation walls (stem walls with lateral soil loads of more than 12"), basements, or retaining walls proposed? Yes No

12. Geologic Hazards (SCCC 16.10)

Are the coordinates of the building envelope located within any of the following mapped hazard areas, as depicted on the Santa Cruz County GIS application (SCCC GIS)? (GIS layer name listed in below)

- Mapped FEMA Flood plain [FEMA Insurance Zones] Yes No
- State or County Fault Zone [Fault Zones] Yes No
- Mapped landslide [Cooper Clark Landslide] Yes No
- Moderate to Very High Potential Liquefaction Zone [Liquefaction] Yes No
- Soils mapped as 'expansive' [Expansive Soils NRCS] Yes No

13. Geological Hazards (SCCC 16.10)

- Has a geologic report been prepared for the proposed residence? Yes No

I have completed the above questionnaire and have submitted the required formal letter:

Design Professional Signature:

Print Name:

Date:

Company Name:

License #:

Exp. Date:

