

City of Malibu - Woolsey Fire Rebuilds: Geotechnical Review Process Flowchart and Submittal Requirements

START: Visit the Planning Department first. Based on your REBUILD TYPE, what type of application are you submitting?

Planning Verification (PV) – Geotechnical review NOT REQUIRED in the planning stage. Project will be reviewed in Building Plan Check (BPC).¹

Administrative Plan Review (APR) or APR+SPR: Project will be referred to geotechnical staff via Referral Sheet. Geotechnical review NOT REQUIRED in the planning stage—will review in BPC.¹

Coastal Development Permit (CDP) – Project will be referred to geotechnical staff via Referral Sheet. Geotechnical review IS REQUIRED in the planning stage.

Fire rebuild applications requiring a CDP shall include submittal of architectural plans and a comprehensive geotechnical investigation report prepared in accordance with the City's Guidelines for Geotechnical Reports. Report and plans to be reviewed in the planning stage. Plans re-checked in BPC.
Fees: per City of Malibu current fixed fee schedule

Will the rebuild require any new foundations?

Submit Geotechnical Report and Plans (to be reviewed by City geotechnical staff in Building Plan Check).
Reports may be submitted ahead of BPC.
Fees: \$928 (4 hours T&M plus doc retention fee)

Geotechnical Report Considerations: Reports shall be prepared by a California Registered Geotechnical Engineer or California Registered Civil Engineer with experience in geotechnical engineering, and a California Certified Engineering Geologist as appropriate. Depending upon site conditions, reports may need to address the following:

- Subsurface exploration and laboratory soil testing
- Geological site characterization, as appropriate
- Foundation type and design parameters
- Retaining wall design parameters
- Grading – site preparation, including removal and recompaction recommendations
- Drainage recommendations
- Seismic design parameters
- Other recommendations deemed necessary
- Geological/geotechnical hazard review/disclosure:
 - o On or near a mapped landslide?
 - o In a liquefaction hazard zone?
 - o In an earthquake-induced landslide hazard zone?
 - o In an Alquist-Priolo Earthquake Fault Zone?

Is the rebuild location within a Geologic Hazard Zone?²

Options

Sign and record geotechnical hazard waiver (Assumption of Risk and Release)

Mitigate hazard through geotechnical design (foundations, grading, relocate structure, etc.)³

Is a CDP required for rebuild with geologic hazard mitigation?

BUILDING PLAN CHECK REVIEW

- Foundation certification review and approval*
- Geotechnical report review and approval*
- Building plan review and approval

*where applicable

See Planning Department for CDP submittal requirements

Notes:

¹ Reports and plans (building, grading, drainage) will be reviewed by City geotechnical staff at the Building Plan Check review stage; however, applicants are encouraged to submit their geotechnical reports to City geotechnical staff for review and approval prior to entering Building Plan Check.

² Geologic Hazard Zones include areas of known landslides as well as liquefaction hazard and earthquake-induced landslide hazard zones as defined on maps prepared by the State of California under the Seismic Hazards Mapping Act. Submitted geotechnical reports should identify such hazards, or see City Geotechnical Staff if no geotechnical report was submitted or required.

³ Proposed mitigation for a geotechnical hazard may require a full Coastal Development Permit (CDP) – see Planning Department.