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**
  - Geotechnical review NOT REQUIRED in the planning stage. Project will be reviewed in Building Plan Check (BPC).

- **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.

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

**Submit structural engineer’s certification of foundation to Building Official for approval**

- NO
- YES: **Will the rebuild require any new foundations?**

**Is the rebuild location within a Geologic Hazard Zone?**

- NO
- YES: Options
  - Sign and record geotechnical hazard waiver (Assumption of Risk and Release)
  - Mitigate hazard through geotechnical design (foundations, grading, relocate structure, etc.)

**BUILDING PLAN CHECK REVIEW**

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

*where applicable

- NO
- YES: **Is a CDP required for rebuild with geologic hazard mitigation?**

- NO
- YES: See Planning Department for CDP submittal requirements

**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/discovery:
  - On or near a mapped landslide?
  - In a liquefaction hazard zone?
  - In an earthquake-induced landslide hazard zone?
  - In an Alquist-Priolo Earthquake Fault Zone?

**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.