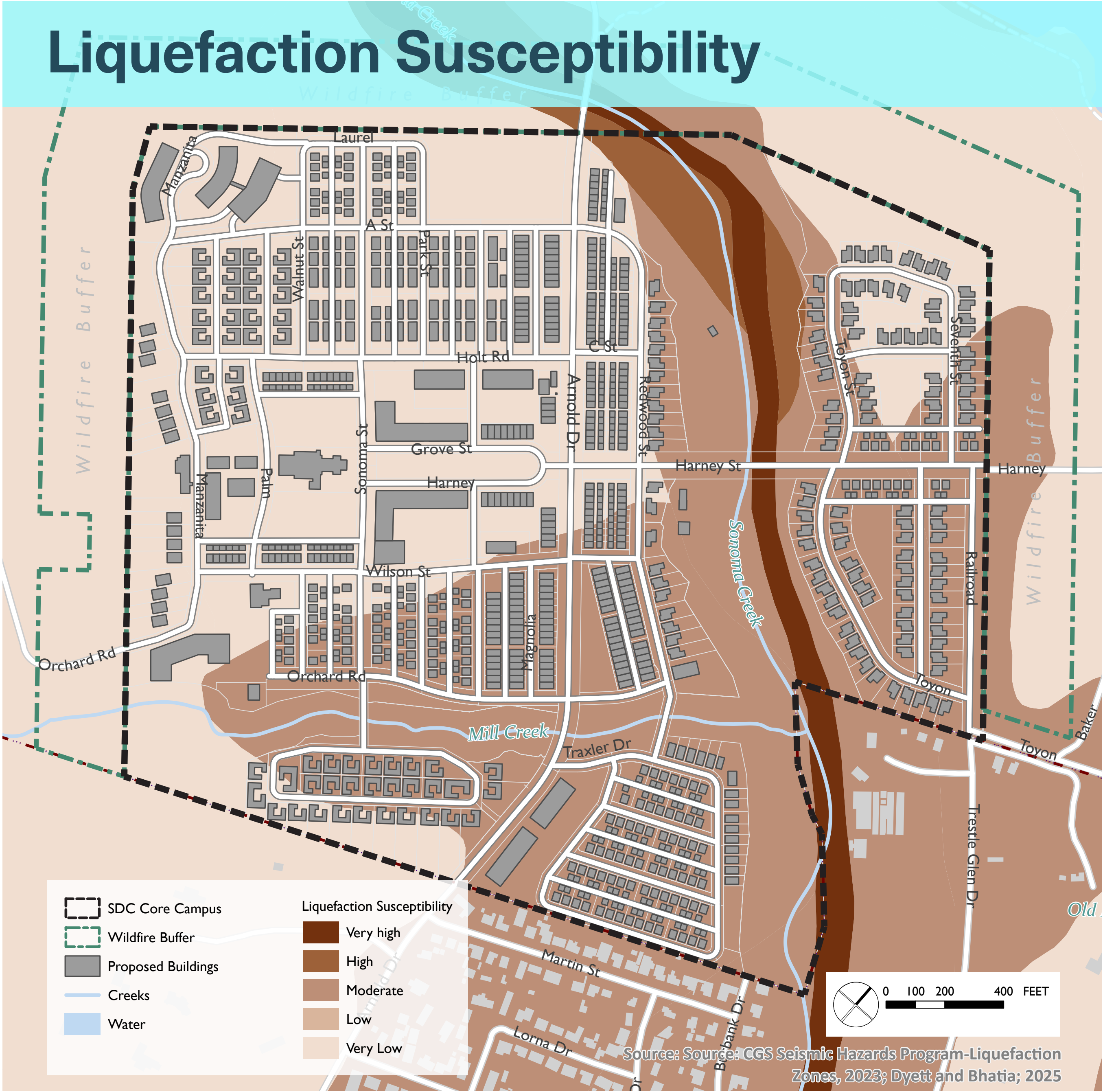
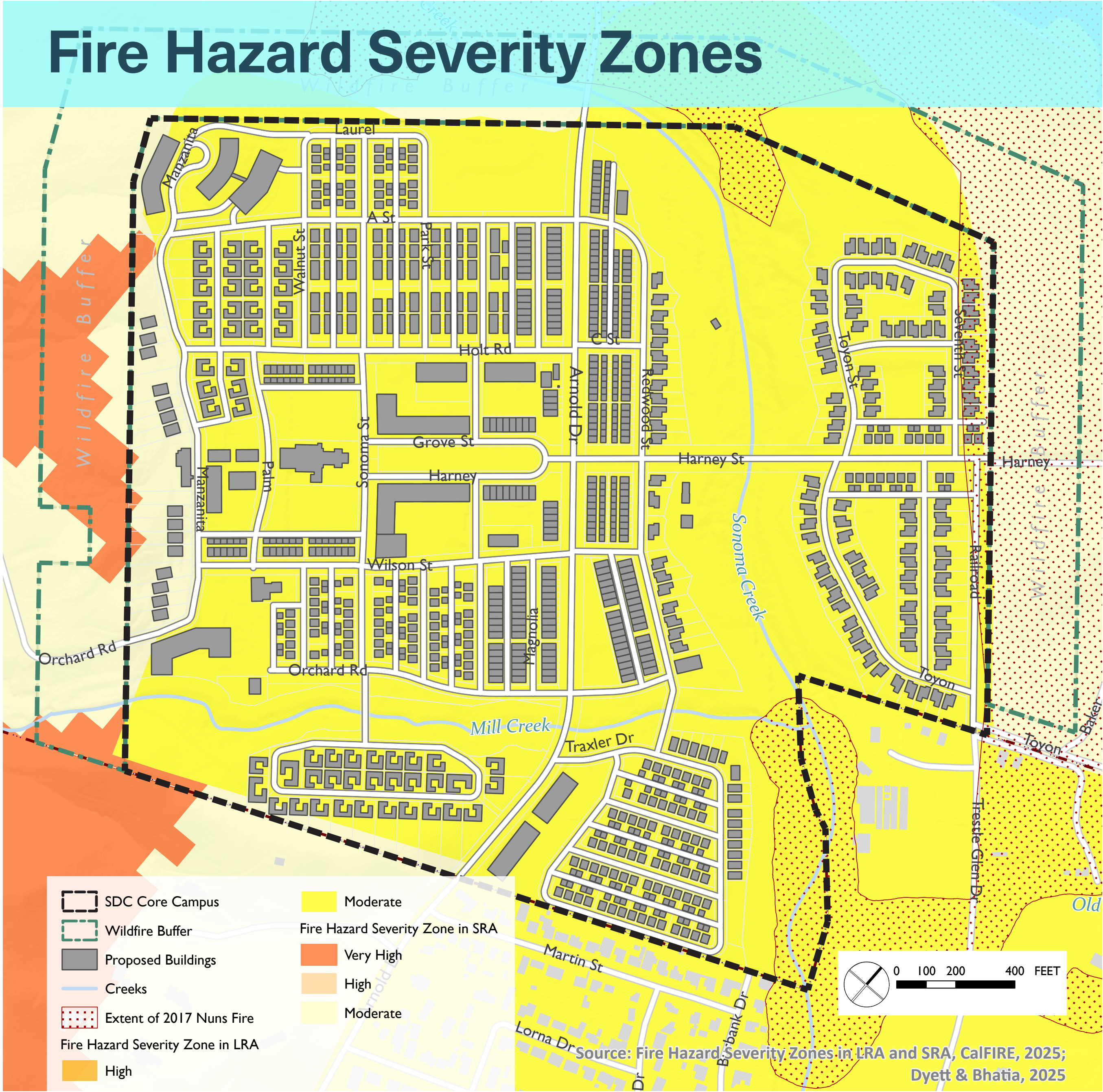


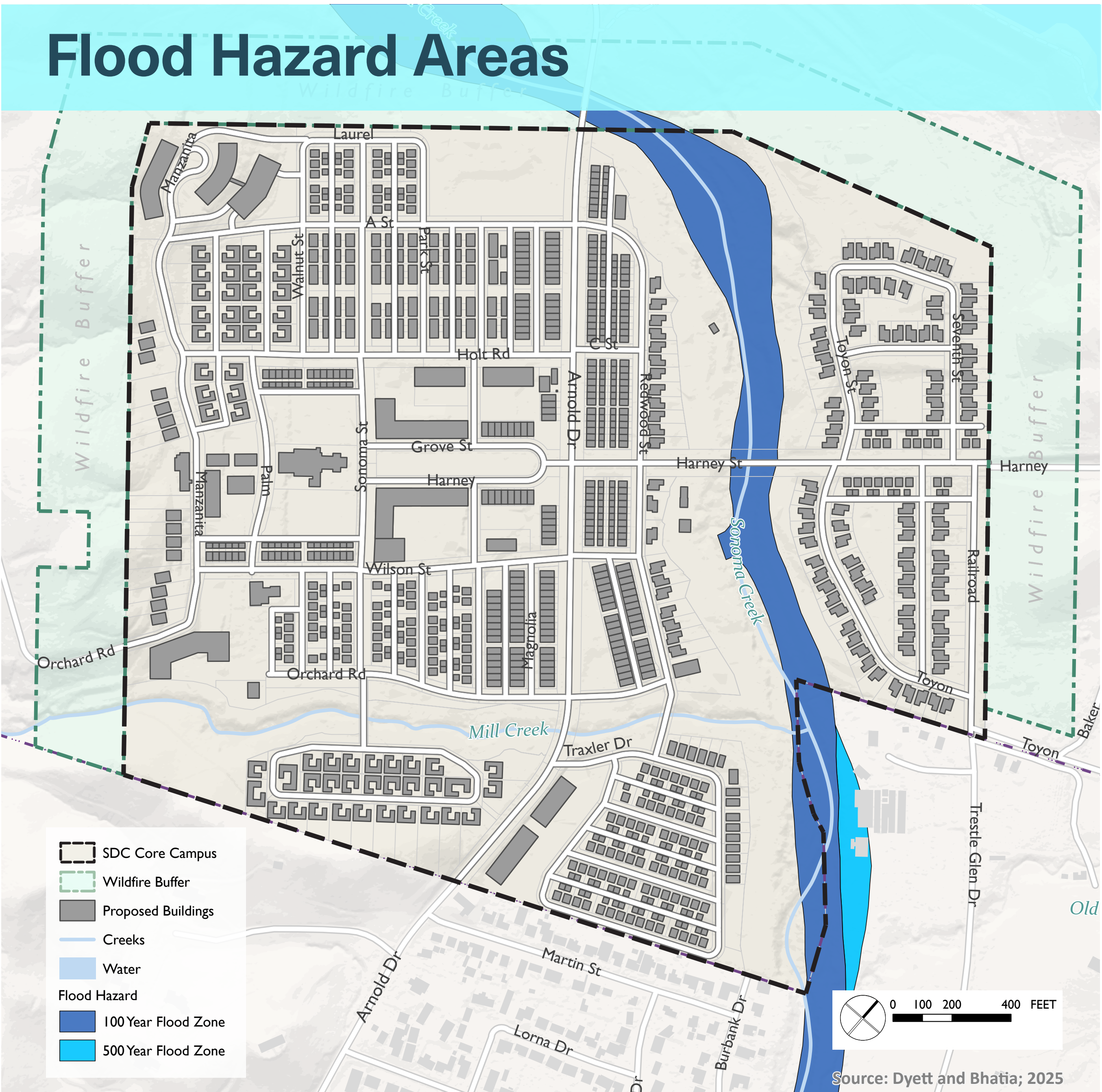
5A. Natural and Humanmade Hazards



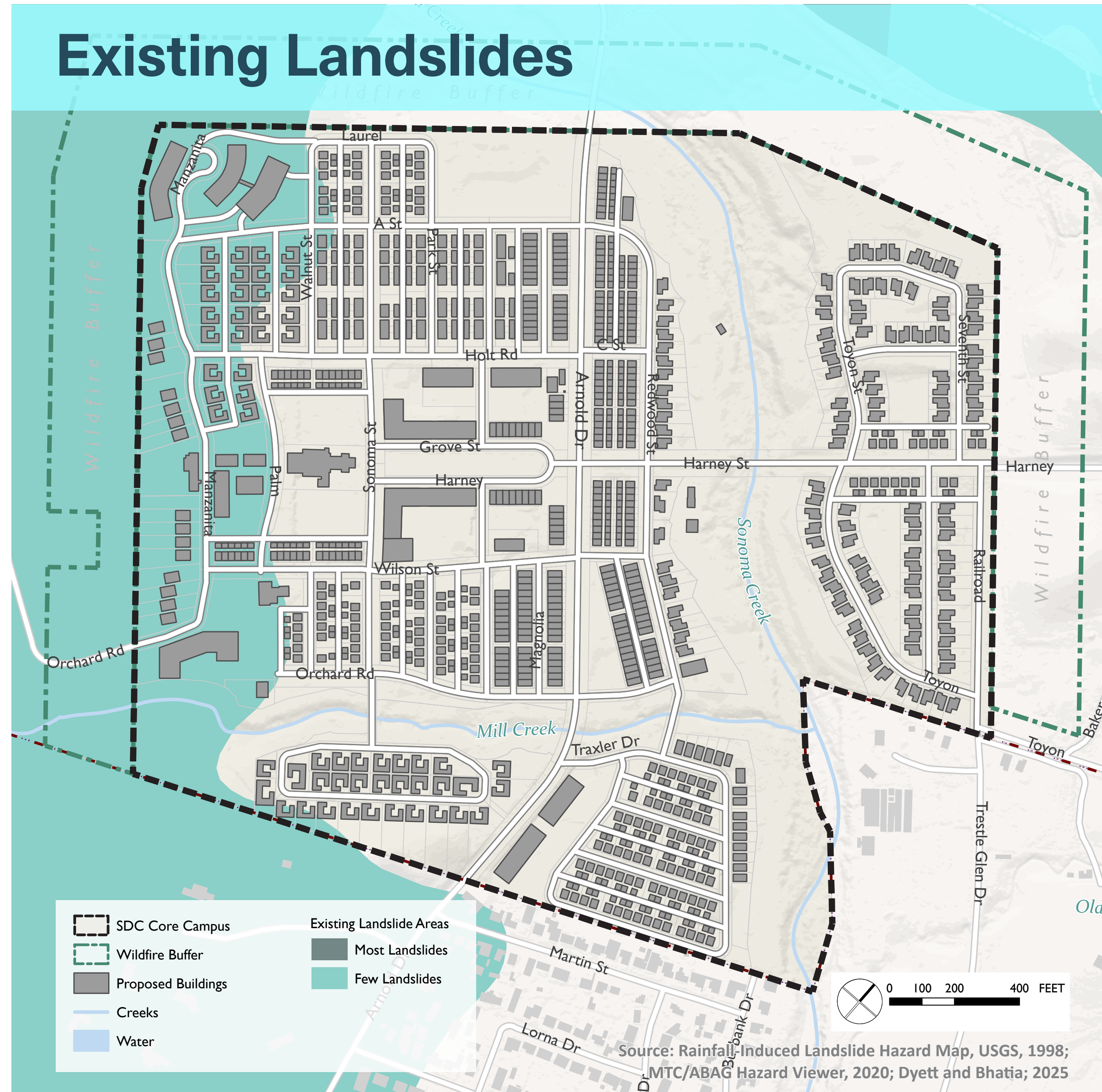
Liquefaction is the temporary transformation of saturated, cohesionless soil into a viscous liquid as a result of ground shaking. Site and building design can address liquefaction through removal of liquefiable or expansive soils, installing retaining structures, or the construction of deep foundations.



The State Fire Marshal is mandated to classify lands within State Responsibility Areas into **Fire Hazard Severity Zones (FHSZ)**. Fire Hazard Severity Zones fall into one of the following classifications: Moderate, High or Very High. California Fire Code and California Building Code includes safety measures to minimize the threat of fire.



A **100-year flood zone** is an area with a one-percent annual chance of flooding. A **500-year flood zone** is an area with a 0.2 percent annual chance of flooding. The Federal Emergency Management Agency (FEMA) requires local governments to enforce a floodplain management ordinance that specifies minimum requirements for any construction within the 100-year flood zone.



Please scan the QR Code to leave a comment about potential environmental impacts that could result from the project and solutions that could reduce or avoid them.

Escanee el código QR a continuación para dejar un comentario sobre los posibles impactos ambientales que podrían resultar del proyecto y las soluciones que podrían reducirlos o evitarlos.

English

Español