Express Findings pursuant to Health and Safety Code Sections 17958.5 and 17958.7

GEOLOGICAL:
The amendments and modifications proposed in this ordinance to the 2016 California Building Standards Code in which the "FINDING" is identified as "GEOLOGICAL" are due to Ventura County being situated over and near a vast array of fault systems capable of producing major earthquakes, including but not limited to the recent 1994 Northridge Earthquake. Additionally, Ventura County has areas of known land slide hazards, such as the La Conchita landslides and mudflows of 1995 and 2005. Additionally, Ventura County has a varying and wide array of soil types necessitating locally restrictive design requirements for foundations and retaining walls, as well as Onsite Wastewater Treatment and dispersal Systems.

CLIMATIC:
The amendments and modifications proposed in this ordinance to the 2016 California Building Standards Code in which the "FINDING" is identified as "CLIMATIC" are due to Ventura County having a wide range of climatic conditions including areas subject to flooding, sea-scouring, high wind speeds, and snow falls impacting vertical and lateral loads on buildings and structures.

TOPOGRAPHICAL:
The amendments and modifications proposed in this ordinance to the 2016 California Building Standards Code in which the "FINDING" is identified as "TOPOGRAPHICAL" are due to the *terra firma* of Ventura County ranging from low-lying beach areas to mountainous ranges. These varying terrains have the capacity to produce significant flooding and landslides during heavy rain events and, combined with high wind speeds, fast-moving wildfires.

LEGISLATIVE:
The modifications proposed in this ordinance to the 2016 California Building Code which the "FINDING" is identified as "LEGISLATIVE" are due to Assembly Bill AB-885 (2000) which required the State Water Quality Control Board to develop standards for siting and installation of Onsite Wastewater Treatment Systems. See California Water Code sections 13140, 13260, 13269 and 13290-13291.7.