

## DEFINITIONS FOR SAFETY IMPROVEMENT PLAN ON HILLSIDE\*

- Red indicates new language or terms, black is existing code definitions

CHECKLIST ITEMS	CORRESPONDING DEFINITION/TERM
Boulders	<b>Boulders - a rock fragment that has been detached and whose size in the least dimension is 36 inches or as determined by a registered geologist.</b>
<del>Significant Rock Outcroppings</del>	<del>Significant Rock Outcroppings— Any surface rock or group formation of rocks covering an area of 200 square feet or larger or any surface rock formation with a height greater than ten feet from the lowest surrounding grade.</del>
<del>Steep Slopes</del>	<del>Steep Slopes— Slopes 10% or greater within a 200' radius of the proposed Building Site.</del>
Loose Fill or Raw Spill Slope	<p><u>Fill</u> - The deposit of soil, rock, or other materials placed by man.</p> <p><u>Raw Spill Slope</u> – An area created by causing or allowing earth or other material to fall, flow or run down the slope, thereby creating a change in the natural appearance and topography</p>
Drainageways, Watercourse or Hillside Washes	<p><u>Watercourse</u> means any creek, stream, wash, arroyo, channel or other body of water having historical banks and a bed at least two (2) feet deep and five (5) feet wide through which waters flow on a recurrent basis, per the current Town Code and in accordance with the Town of Paradise Valley Storm <b>Drainage Design Manual</b>.</p> <p><u>Hillside Wash</u> – Any creek, stream, wash, arroyo, channel or other body of water having a flow rate equal to or greater than <b>50</b> cubic feet per second based on a 100-year storm event in accordance with the Storm Drainage Design Manual.</p>
Subsurface or Seismic Damage that may result in future landslides/rockslides	<b><u>Subsurface or Seismic Damage</u> - Knowledge of subsurface or seismic damage that may have resulted from adjacent or previous development and should be verified through seismic refraction survey</b>

Seismic Refraction Survey. Unless waived by the Town Manager or designee, all proposed Cuts shall require a seismic refraction survey, performed by a registered geologist or registered geotechnical engineer. If the geological report, geotechnical report, or seismic refraction survey indicates fractured or unstable rock, then the proposed location of the Building Site (or appurtenances) shall be changed to a stable location unless the unstable condition(s) can be mitigated by an engineered design that creates a stable location and complies with the provisions of this Article and other Articles of this Zoning Ordinance. The geological report and results of the seismic refraction survey shall be submitted to the Town.

Any blasting associated with construction

All blasting requirements must be in accordance with Article 5-10-4 of the Town Code.

Applicant

Applicant means Applicant, Owner/Builder, Architect, Developer, Engineer or Contractor

Town Manager or Designee

Town Manager Designee means Town Engineer

Technical Advisory Board ("TAB")

Consists of the Town Engineer, the Town Building Official, and the Hillside Administrator.

Technical Registrant

A registered professional engineer including, but not limited to , geologist, civil engineer, structural engineer, consistent with A.R.S....