

**ADMINISTRATIVE MANUAL  
LOS ANGELES COUNTY PUBLIC WORKS  
GEOTECHNICAL AND MATERIALS ENGINEERING DIVISION**

**ALTERNATE SETBACKS FROM ASCENDING AND DESCENDING SLOPES**

The 2023 County of Los Angeles Building Code (CLABC) Section 1808.7.5 permits the use of an alternate setback. The following requirements shall be met in order to allow a reduction of setback and clearance:

- For each specific slope where an alternate setback is requested, the static, seismic, and surficial Factors of Safety shall exceed Los Angeles County minimum standards.
- Shear strength parameters utilized in the slope stability analyses shall be obtained from samples taken from the specific slope where alternate setback is required.
- The slope gradient is not steeper than 1:1 (Horizontal:Vertical) for natural slopes and 1½:1 for cut and fill slopes.
- Adequate drainage is provided for the slope.
- Similar slopes in the general area have performed adequately.
- The geotechnical consultant must specifically justify and recommend the reduced slope setback and clearance. Note: The proposed alternate setback is subject to review by Geotechnical and Materials Engineering Division and subject to approval of the Building Official.

When the above provisions are complied with, the required slope setback and clearance set forth in CLABC Section 1808.7, may be reduced in accordance with the following table:

<u>Static Factor of Safety (F.S.)</u>	<u>Maximum Reduction (percentage)</u>
1.7 ≤ F.S. < 2.0	100 (F.S. – 1.5)
F.S. ≥ 2.0	50

Approved By:



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Division Head

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