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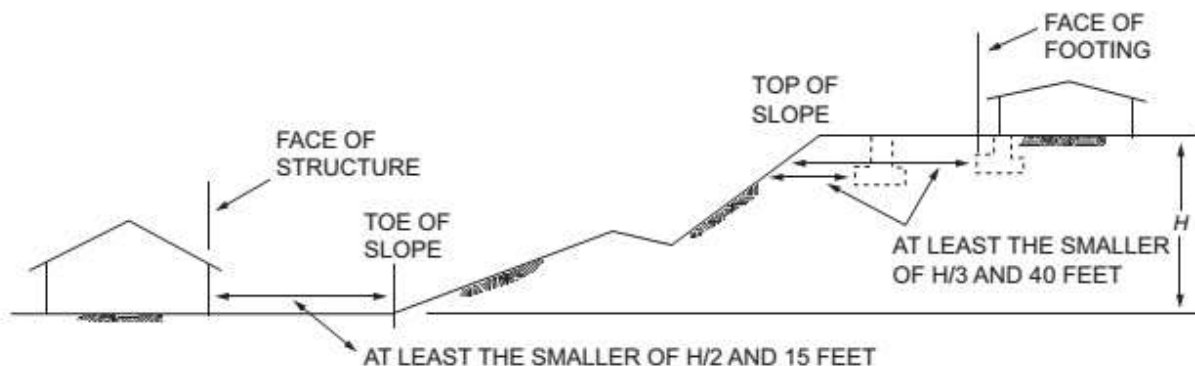
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BUILDING ON OR ADJACENT TO SLOPES

Structures built on or adjacent to slopes exceeding 1' to 3' (33%) shall meet the clearance / setback to slope per Section 1808.7 International Building Code 2015. All structures / lots which cannot meet clearance shall submit a Geotechnical Engineer Report to support any alternative setback. Geotechnical Investigation to include consideration of materials, height of slope, slope grade, load intensity and erosion characteristics of slope materials; Section 1803.5.10 and 1803.5.11 International Building Code 2015. The Structural Engineer with recommendations from Geotechnical Report shall design site specific foundation system.

GRADING AND FILLING

Stability analysis required for modified cuts or fills 1.5 horizontal to 1 vertical or greater. Geotechnical Investigation to include; materials, height of slope, slope gradient, load intensity, erosion characteristics, liquid fraction and surface displacement due to faulting or lateral spreading. Appendix J 2015 International Building Code. When rock, masonry or concrete walls be required, the wall plans shall be designed by Structural Engineer. The inspections of such walls shall be preformed by engineer of record or a certified special inspector. Progress and final reports shall be submitted to the Building Official for the permanent record file.



For SI: 1 foot = 304.8 mm.

FIGURE R403.1.7.1 FOUNDATION CLEARANCE FROM SLOPES