

## Engineer's Certification of Retaining Wall Design



I, \_\_\_\_\_, being a registered Professional Engineer in the State of Tennessee, P.E. # \_\_\_\_\_, and being duly competent as regards retaining wall design and construction, and knowledgeable of the requirements of the Williamson County Tennessee Zoning Ordinance, hereby certify for the project known as:

NAME: \_\_\_\_\_ located at: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

That the designs and plans prepared under my supervision for retaining walls four feet or more in height on the above referenced property have been performed in a manner consistent with that degree of care and skill ordinarily exercised by members of the engineering profession currently practicing under similar circumstances, and:

1. Provide minimum factors of safety for sliding, bearing, overturning, and global stability of 1.5, 2.0, 2.0, and 1.3 respectively.
2. For segmental walls using geogrid, minimum factors of safety of 1.5 for geogrid pullout and 1.0 for geogrid rupture are obtained.
3. Wall setbacks from the property line are a minimum of 5 feet or the total height of wall (from top of wall footer), whichever is greater.

Affix Seal

*\*Attach design documents, details, and grading plan if not under separate cover.*

