



MAINTENANCE OF RETAINING WALLS

A copy of this specification is to be forwarded to all property owners adjacent to the retaining wall.

Overview:

The performance of retaining walls depends not only on proper design and construction, but also on proper maintenance by the occupant and/or owner of the property. A properly designed and constructed retaining wall may still experience distress due to surcharge loads resulting from modifications of the surrounding grades and / or the installation of adjacent structures, excavations, or underground utility lines.

The objective of the following is to ensure that the applied pressures for which the retaining wall was designed are not exceeded.

Sprinkler Systems:

The main sprinkler lines are not to be placed next to the retaining wall. Instead, the main sprinkler lines and heads shall be located a minimum horizontal distance of six feet (6'-0") away from the perimeter of the retaining wall and discharge towards the retaining wall.

Grading:

Increasing the grade behind the high side and/or at the low side of the retaining wall is prohibited. The grades behind the high side and/or at the base of the retaining wall shall not be increased without first consulting this engineer.

Drainage:

No subsurface drainage or below grade utilities are allowed to be installed adjacent to the retaining wall, unless the design has been reviewed and approved by this engineer. All drainage behind the high side of the retaining wall is to be surface drainage only. This drainage is to be designed by the civil engineer of record for the subdivision or lot. If grading and drainage plans do not exist, notify this engineer. All thru-face and behind-wall drainage pipes are to be maintained so that they are kept clear and free from obstructions.

Fences:

Fences to be located on the high side of the retaining wall shall be embedded in the top of the retaining wall or located behind the top of the retaining wall. The fence posts shall not penetrate the filter drain. If details and specifications for the embedment of fence posts are required, or if a fence is not explicitly shown on the retaining wall design drawings, notify this engineer prior to the construction of the fence.

Adjacent Structures and Excavations:

This engineer is to be contacted prior to the construction of any structures or excavations that occur within a horizontal distance less than the height of the retaining wall (including embedment) which are not explicitly shown on the retaining wall design drawings.

Retaining Wall Height:

Increasing the retaining wall height by vertically extending the top of the retaining wall, by placing additional fill behind the high side of the retaining wall, or by removing soil from the base of the retaining wall is strictly prohibited. The height of the retaining wall shall not be increased without first consulting this engineer.

Sincerely,

Brian C. Eubanks, M.S.C.E., P.E.
Principal Structural Engineer



The seal appearing on this document was authorized by Brian C. Eubanks, P.E. 96528 on February 3, 2016.

BCE/

Address: _____ City: _____ State: _____
Name: _____ Signature: _____

NOTARY PUBLIC:

State of: _____ County: _____

This instrument was ACKNOWLEDGED, SUBSCRIBED AND SWORN TO BEFORE ME on

This _____ day of _____, by _____
(Month) (Year) (Owner's Name)

Notary Public: _____ My Commission Expires: _____