

Design Depictions Structural Engineering, P.C.

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3505 Seagrass Lane,
Laurel, MD 20724

April 11, 2014

REFERENCE: CASEMENT WINDOW MODIFICATION & INSTALLATION
2901 KING PLACE, NE
WASHINGTON, DC 20018

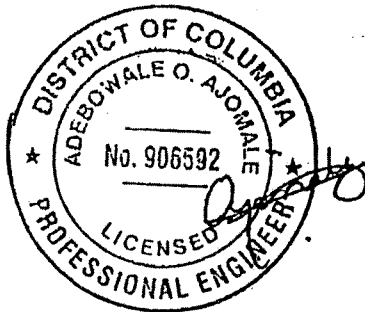
ATTENTION: Department of Consumer Regulatory & Affairs (DCRA)

This is to certify that I performed a visual inspection of the retaining wall at the south-east face of the building, at the above the referenced residence to determine the feasibility of increasing the size and configuration of the existing openings where two casement windows are currently installed. The current casement windows are fitted within openings of approximate size: 30" (width) by 20" (height) in the upper section of the retaining wall. It is the intent of the owner to increase the depth (height) of the openings to approximately 54", while the 30" width of the opening is maintained.

The wall construction at this face of the building comprises of a non-load bearing wood stud wall platform framing system atop a fully-grouted concrete masonry unit retaining wall. This concrete masonry retaining wall extends to a depth of 7'-6", from the underside of the wood stud wall to the foundation, of which 4'-3" is below grade. The section of the height of the wall above grade (3'-3"), comprises of one course of fully-grouted masonry units (8" thick) with a stone veneer exterior. The balance of the depth below grade consists of one course of solid concrete masonry blocks (12" thick).

Based on the visual observation and inspection conducted on April 11, 2014, I hereby verify that the intended increase in the height of the openings within this retaining wall is structurally acceptable. It is my professional opinion that this modification would not undermine the structural integrity of the retaining wall.

This document provided, has been prepared and approved by me, a duly licensed professional engineer under the laws of the District of Columbia, License No. 906592. Expiration date: August 31, 2014.



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Board of Zoning Adjustment
District of Columbia
CASE NO.19022
EXHIBIT NO.8