

Shuler,Dana

From: M Rasmus [msrasmu@msn.com]
Sent: Tuesday, October 28, 2014 1:37 PM
To: Shuler,Dana
Subject: Piedmont #2 Lot, global stability issue
Attachments: AutoCad single retaining wall.dwg; Single Retaining Wall 2014.10.28.pdf

Dana:

Attaching the files for the homesite. You'll see that strategic grading plan has fully solved any hydrological issues and that only a single 8' high terracing and retaining wall is contemplated. This is primarily to make space for a level backyard of the home and to accommodate the underground septic absorption field. The most southerly flank of the wall also protects the structural land from any event up to and including a 500 year precipitation event of snow or rain by diverting through drainage channel and piping.

In discussions with both Landmark Survey and Silverpeak, we are asking that the global soil stability study request be rescinded. Speaking together with several engineers, they agree that the retention is minimal, the soils as shown in the exhaustive geotech study are stable and porous with no clay discovery. Also in the highly unlikely event of failure, the wall would only release a small amount of material which would only impact the open backyard space not reaching the structure itself. Add to that recipe the facts that no further development upslope is possible, no neighbors are within 500 feet of retention area, and no recent historical record of even intermittent above or below ground precipitation has been discovered, nor any recent historical slides (large or small) found and you may conclude, like we, that such an analysis may not be necessary. Indeed, we might avoid a very costly expense better devoted to details of the home construction.

After you speak with your geotech colleague and review the plats, maybe you could let me know of your decision? I believe we are ready for fully complying with the hillside review requirements otherwise and are able to approach for a final review and permit.

Thanks and best regards,

Matt Rasmussen
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