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To: George Sarvis, Building Official
Town of South Fallsburg, New York

Sep. 18, 2017

Report on the Town of Fallsburg Building Official's Comments and Concerns Regarding the Footings at the Maplewood Estates Project, 68 Maple Ave. Village of Woodridge, NY

Based upon site inspection of September 17, 2017

- 1) Most footings have no vertical dowels to receive the foundation walls.

#5 dowels are to be drilled 6" into all such footings, including the dropped vertical footings, at a spacing of 16" o.c. and anchored using an epoxy adhesive.

- 2) Footing drop at common wall lines are a single vertical, rather than the gradual stepped footings.

Since the footing reinforcement is continuous through the upper horizontal footing, the vertical section and the lower horizontal footing, this vertical section acts as a reinforced concrete column supporting the upper horizontal footing and being supported by the lower horizontal footing.

- 3) The general appearance of the concrete footing pour is rough with uneven top surfaces.

The dimensions of thickness, width and length are reasonably correct with the respect to the design requirements. As regards appearance, all horizontal footings will be below concrete floor slabs and not visible. The vertical common wall sections will be backfilled and also not visible.

Once Item #1 is completed, concrete floor slabs are installed, and backfill is completed, the footings for these buildings will be structurally safe.



Very truly yours,

A handwritten signature in black ink, appearing to read "Philip Salerno", written over a horizontal line.

Philip Salerno, P.E.