CTL | THOMPSON INCORPORATED

February 14, 2019

Classic Homes
6385 Corporate Drive, Suite 200
Colorado Springs, Colorado 80919

Attention: Mr. Jim Boulton

Subject: Addendum Letter: Detention Ponds
Geologic Hazards Evaluation and
Preliminary Geotechnical Investigation
Forest Lakes Subdivision (Phase 2)
El Paso County, Colorado
Project No. CS18916-105

CTL | Thompson, Inc. prepared a Geologic Hazards and Preliminary Geotechnical Investigation (Project No. CS18916-105; report dated December 11, 2018) for Phase 2 of the Forest Lakes Subdivision in El Paso County, Colorado. This letter presents our response to El Paso County report review comments related to the three proposed detention ponds that are to be constructed in association with Phase 2.

Preliminary Grading and Utility Plans prepared by Classic Consulting (Job No. 1175.21; dated October 24, 2018) were supplied to our office. We recommend the proposed pond embankments have a maximum slope of 3:1 (horizontal to vertical). Granular fill used to construct the embankments should be compacted to at least 95 percent of maximum modified Proctor dry density (ASTM D 1557). Clayey fill placed within the embankments should be compacted to at least 95 percent of maximum standard Proctor dry density (ASTM D 698). The embankment fill should be moisture conditioned to within 2 percent of optimum moisture content. Prior to placement of the embankment fill, existing organic materials and topsoil should be stripped away. The subgrade soils should be moisture conditioned and compacted as specified above to create a firm base beneath the embankment footprint. A representative of our office should be periodically present at the site to observe and test the placement and compaction of the embankment fill materials during construction.

Subsurface conditions encountered in exploratory borings drilled near the three proposed detention ponds during our Geologic Hazards and Preliminary Geotechnical Investigation consisted predominantly of dense to very dense, clean to silty, gravelly sand. In our opinion, the anticipated subgrade materials are suitable to underlie the planned embankment fills (maximum height of about 12 to 14 feet) with minimal subgrade compression.

The opinions and recommendations presented above are meant to be an addendum to our 2018 study. The information contained in that study is considered to still be valid unless modified in this letter.

If you have any questions regarding the content of this letter or if we can provide additional geotechnical analysis of the proposed development, please contact our Colorado Springs office at 719-528-8300.

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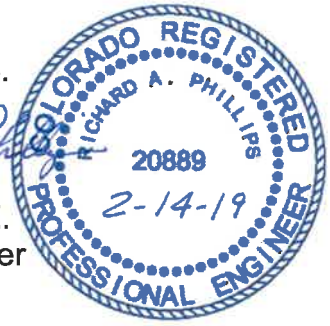

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